

1/72

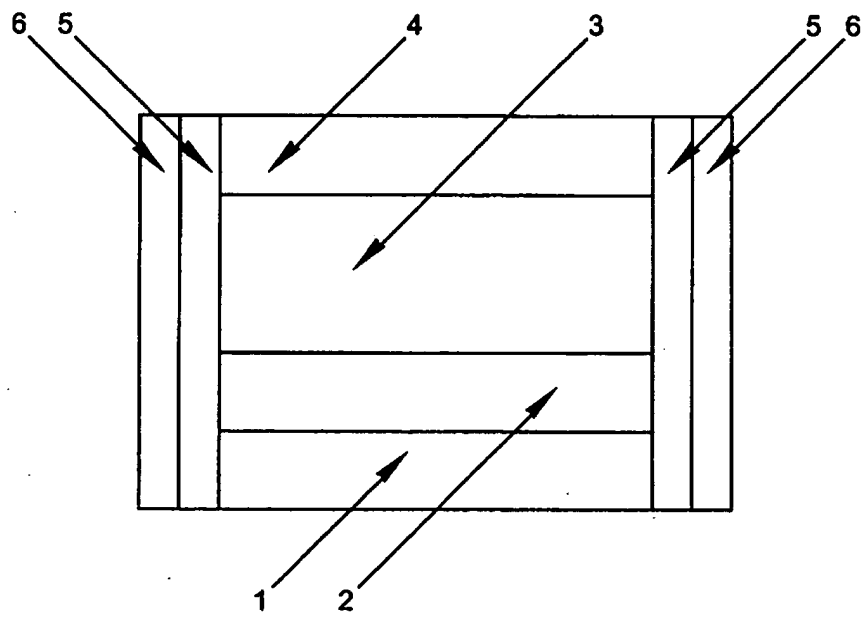


Figure 1

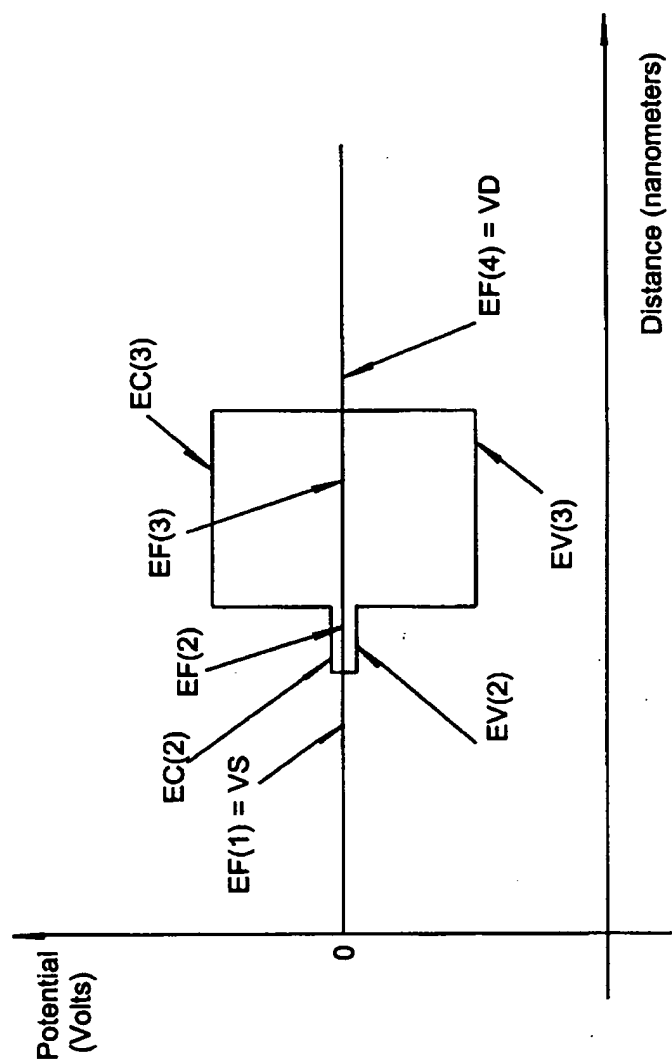


Figure 2a

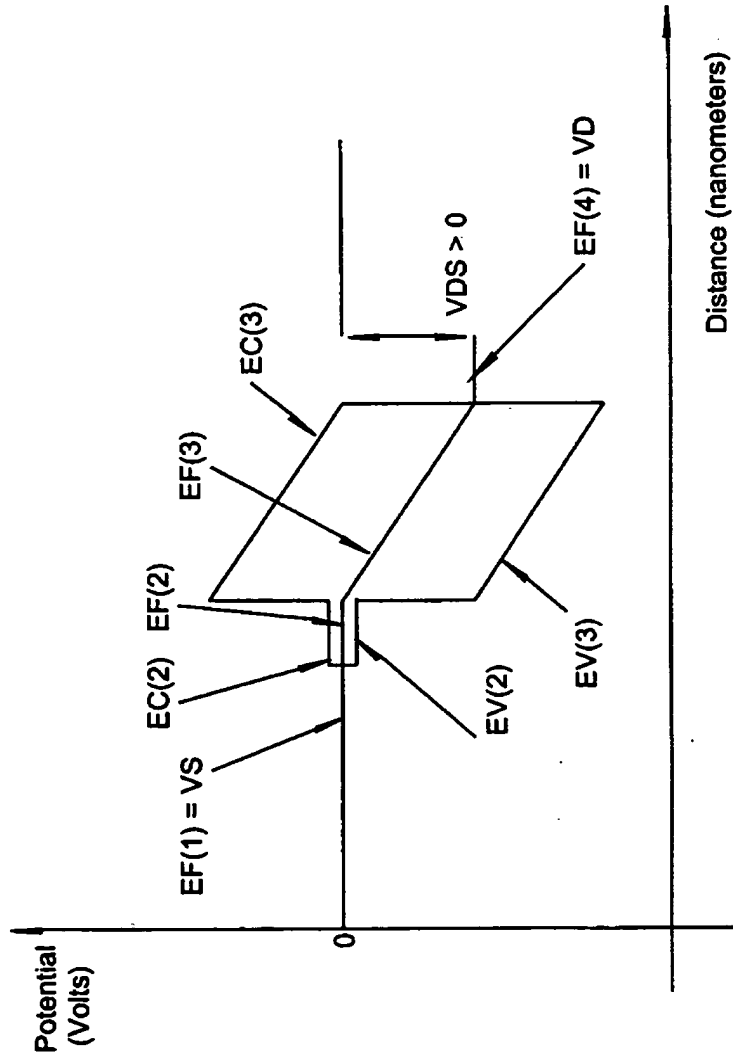


Figure 2b

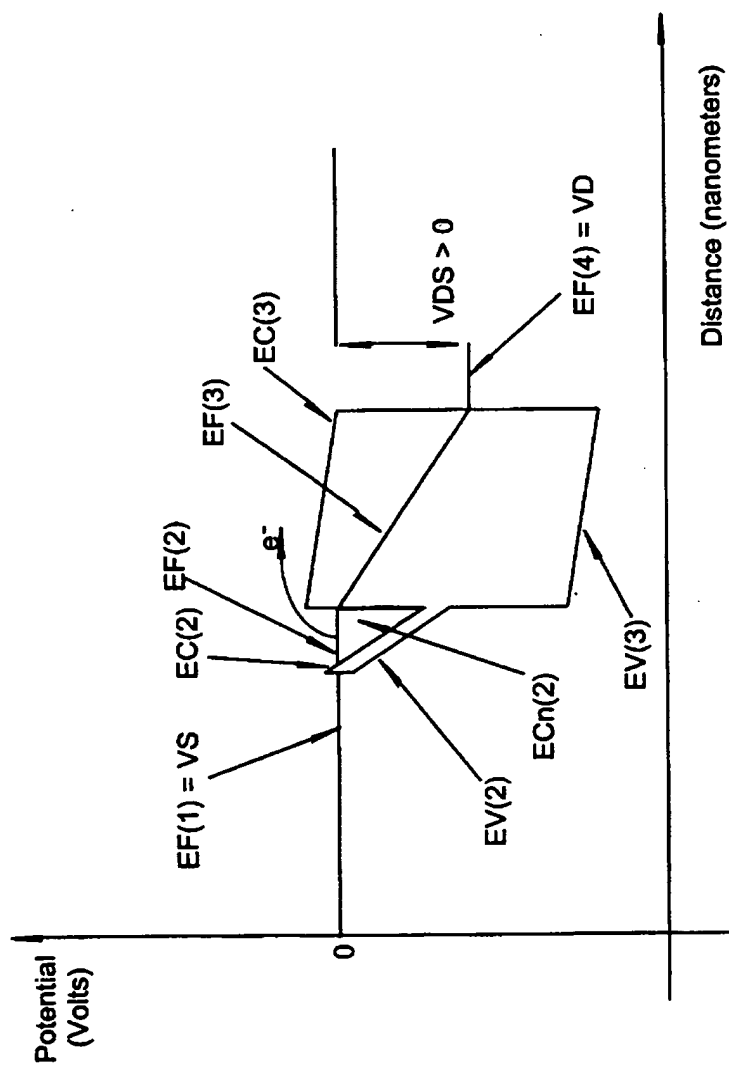


Figure 2c

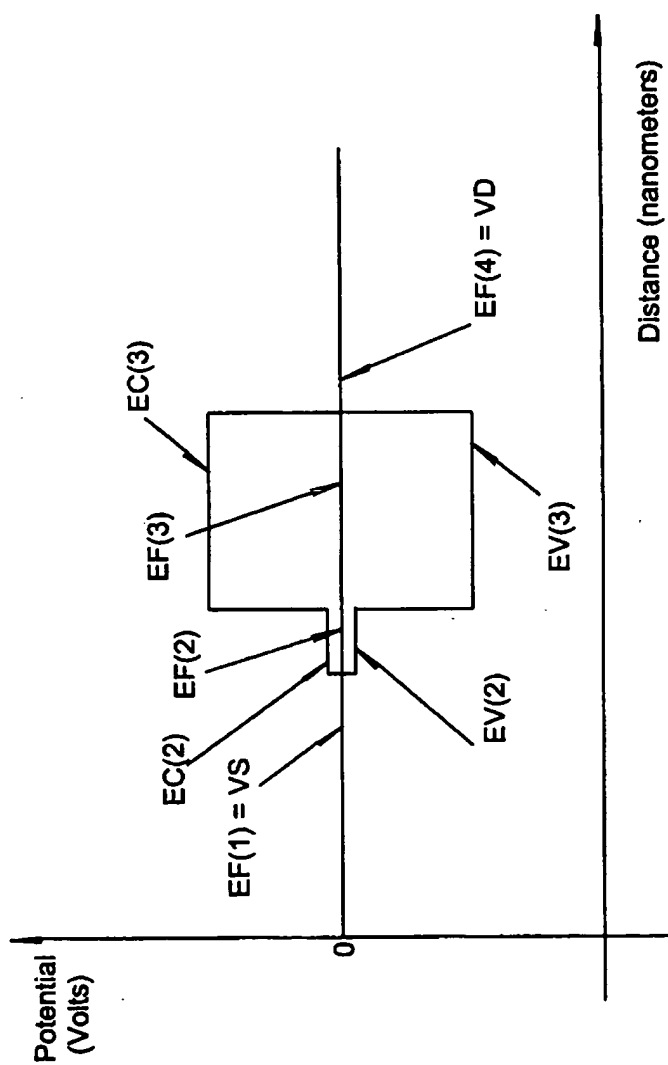


Figure 3a

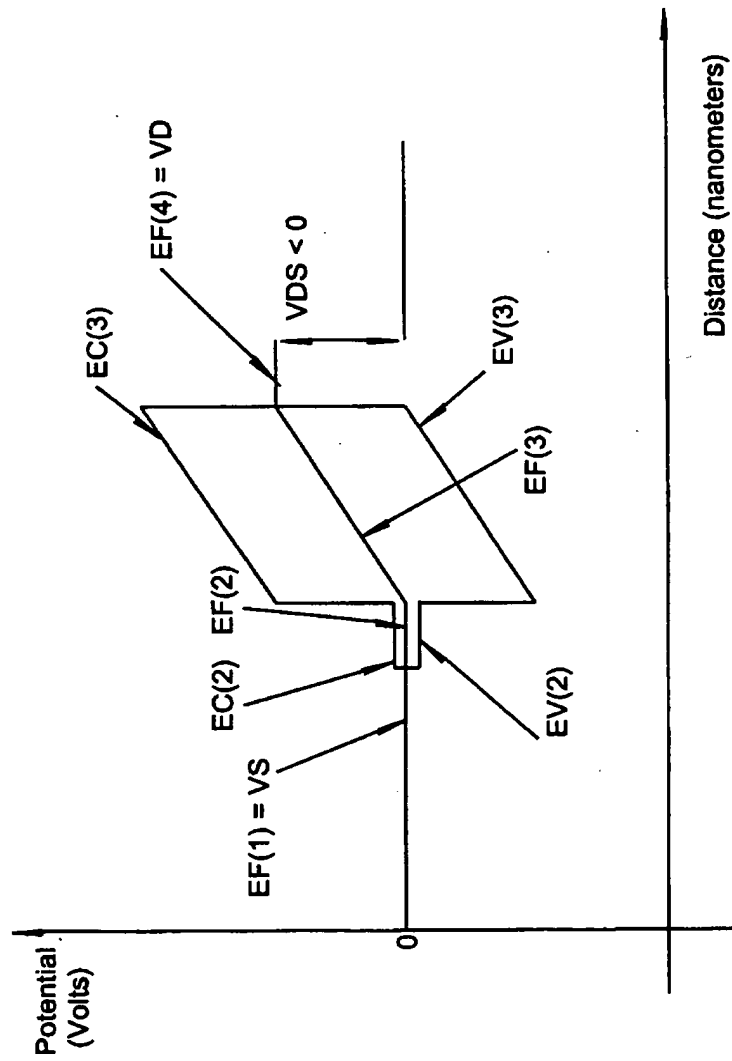


Figure 3b

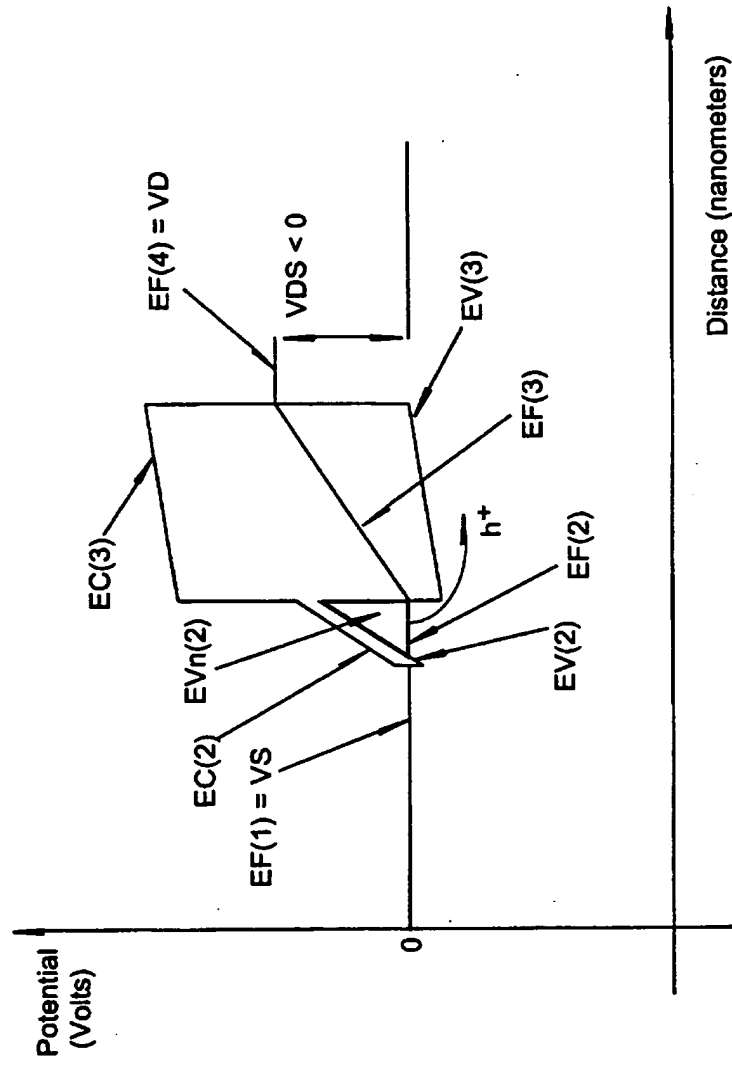


Figure 3c

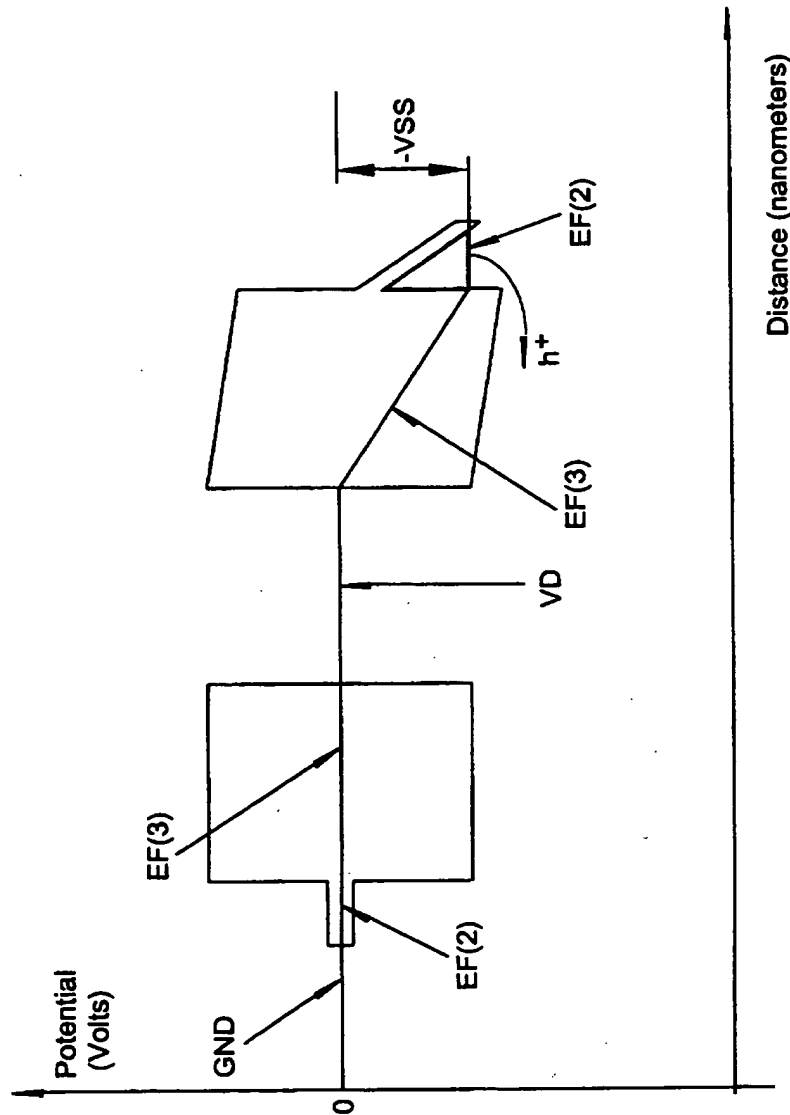


Figure 4a

9/72

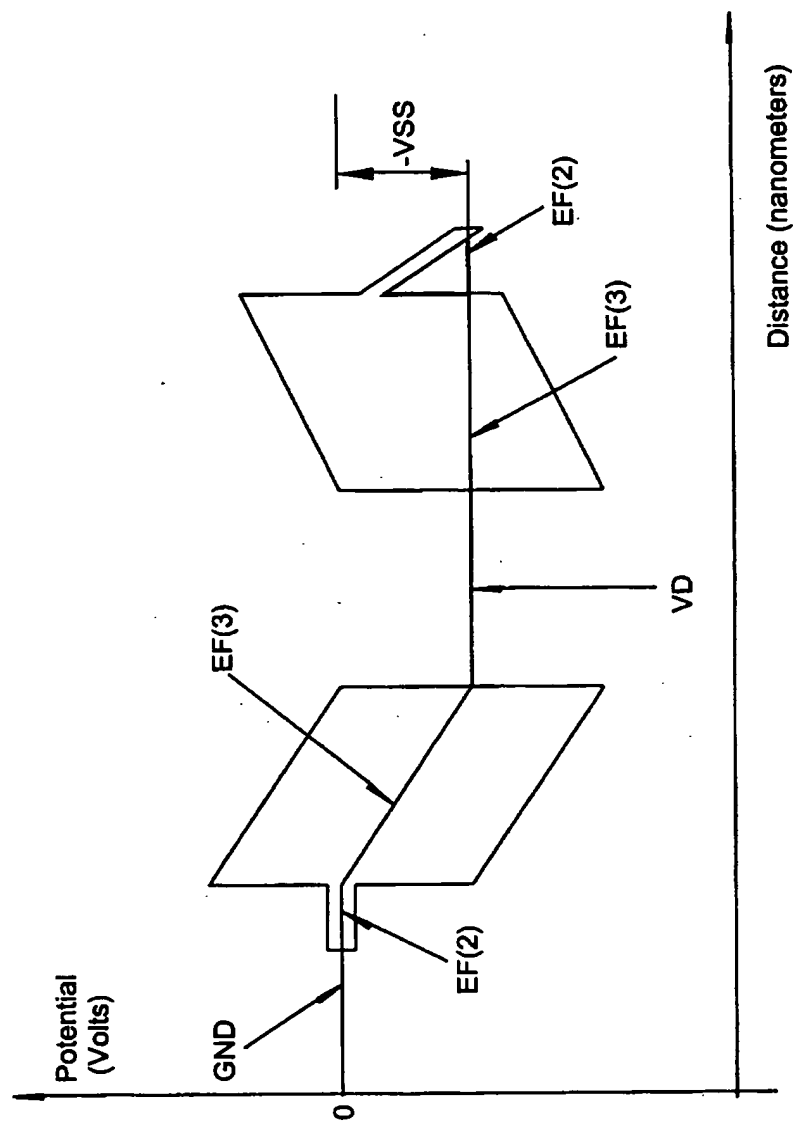


Figure 4b

10/72

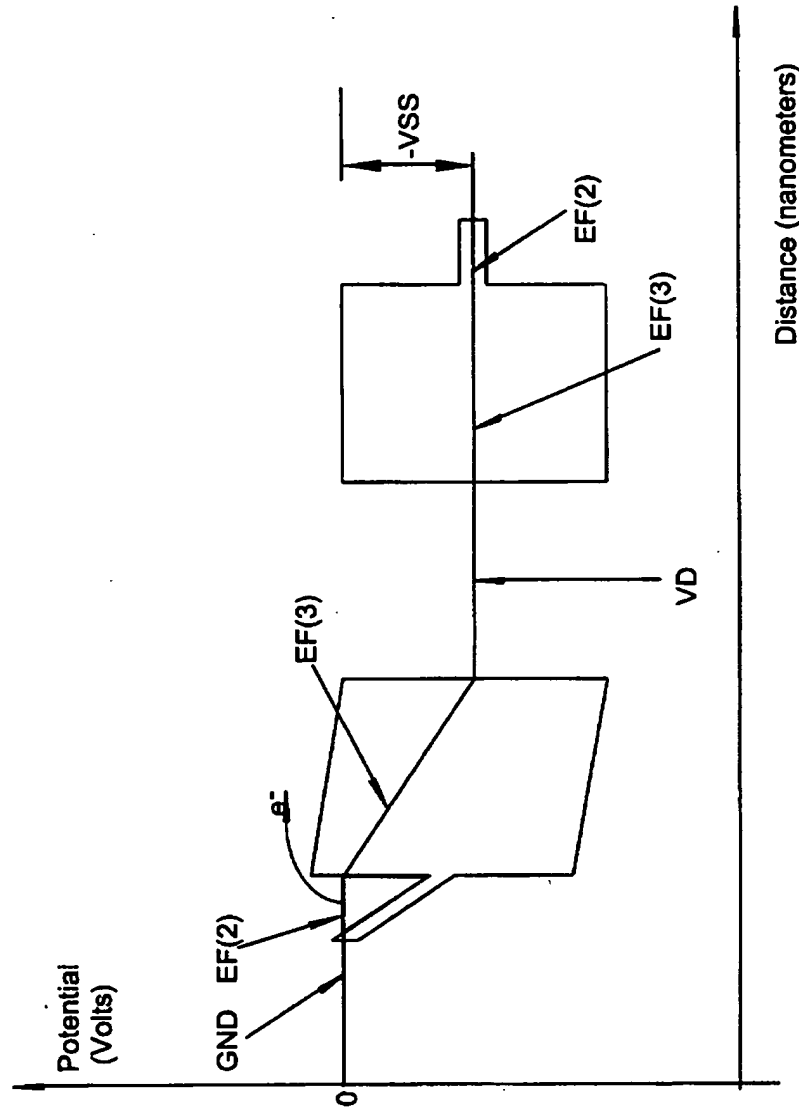


Figure 4c

11/72

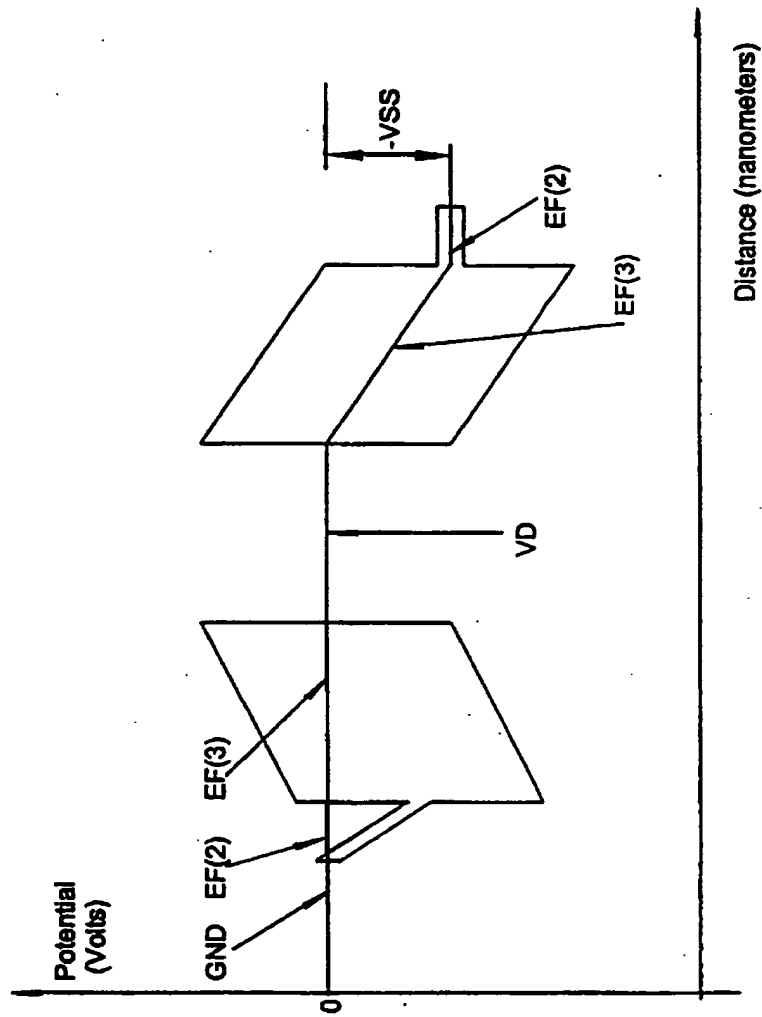


Figure 4d

12/72

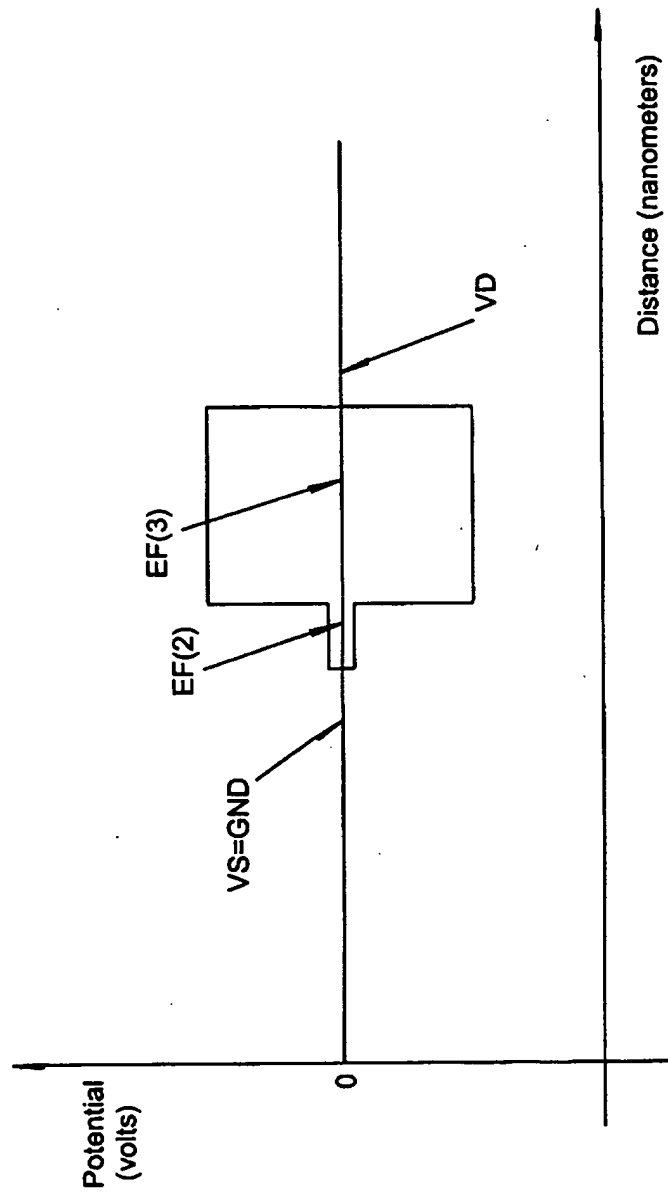


Figure 5a

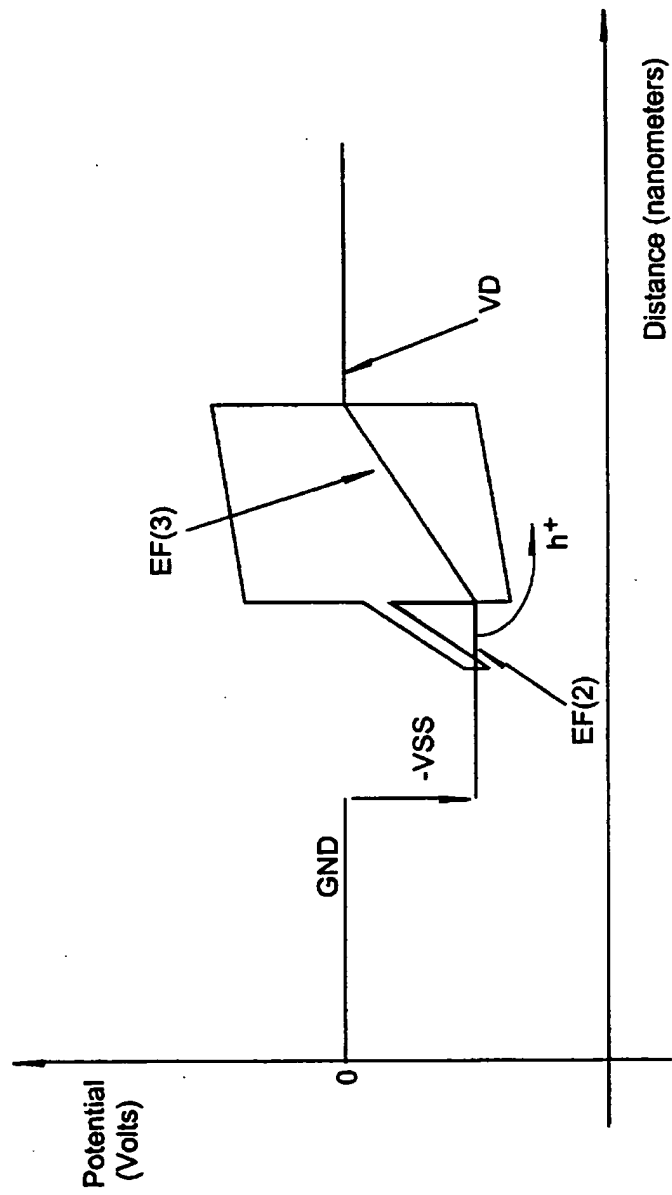


Figure 5b

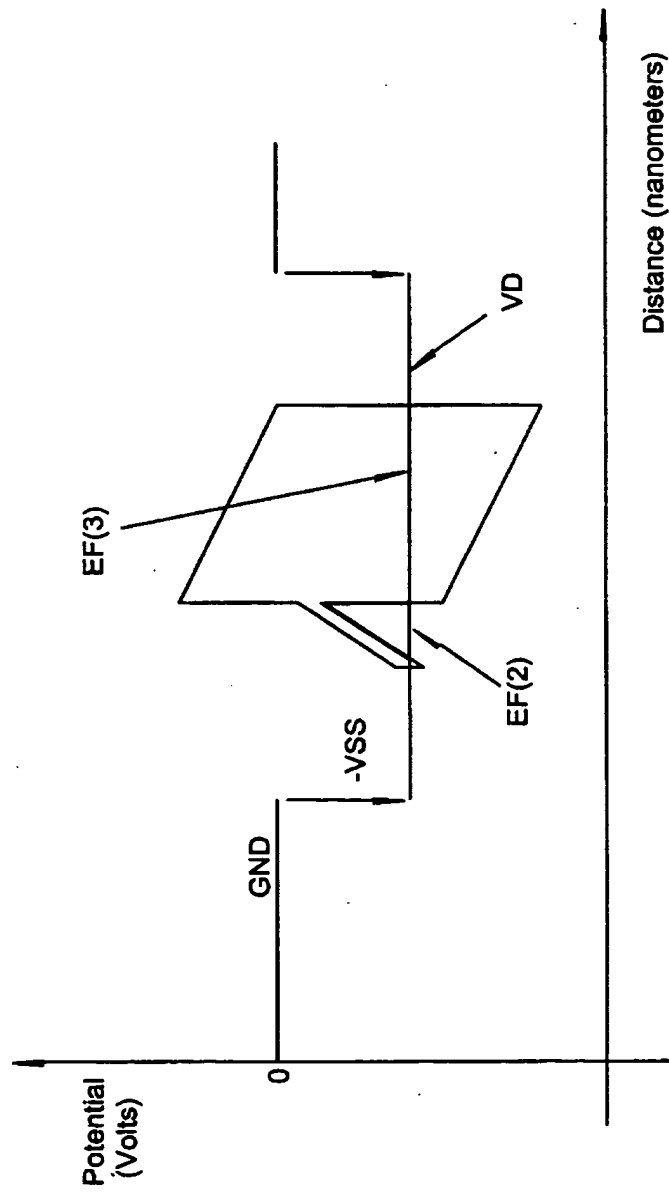


Figure 5c

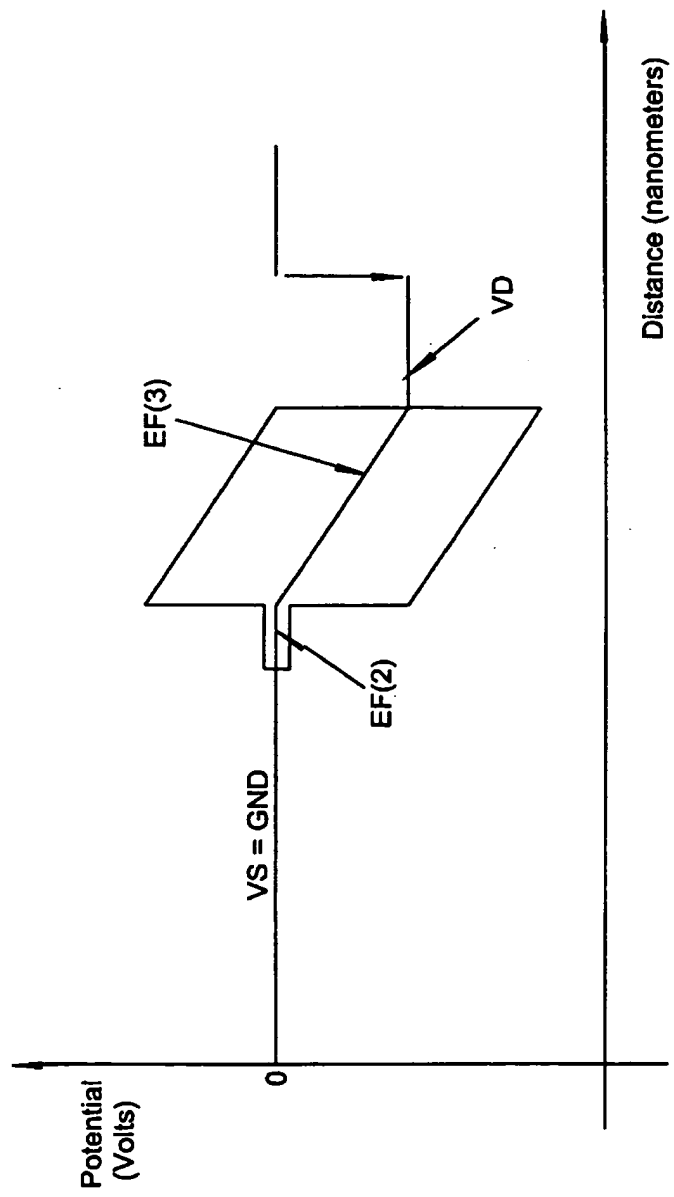


Figure 5d

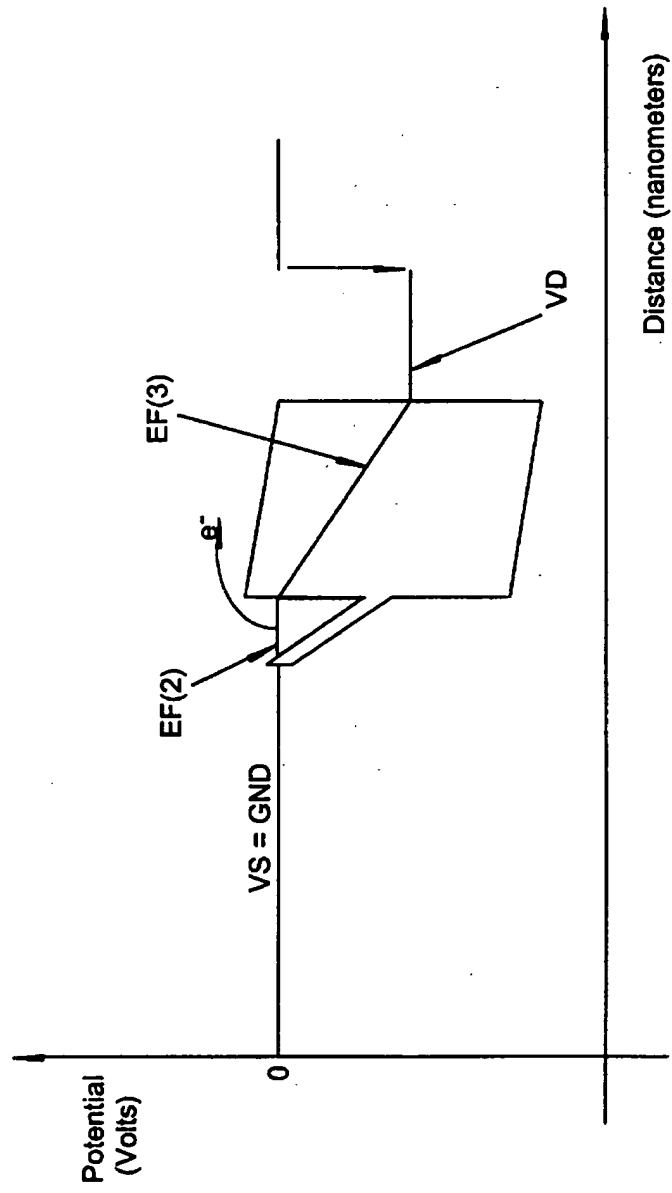


Figure 5e

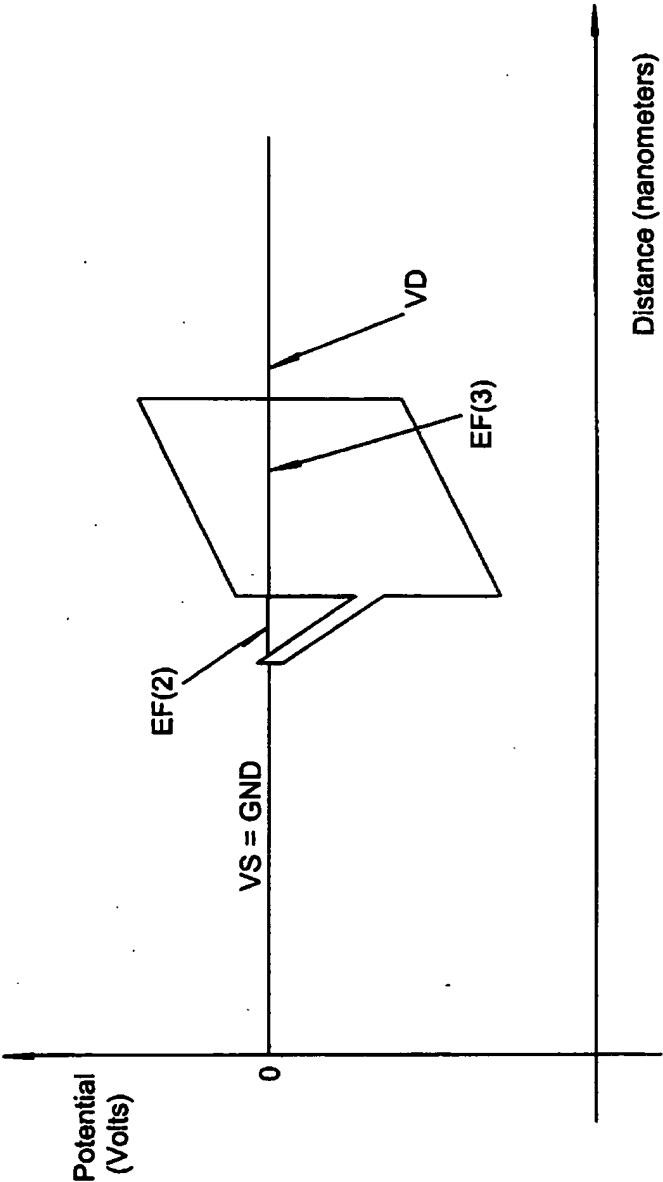


Figure 5f

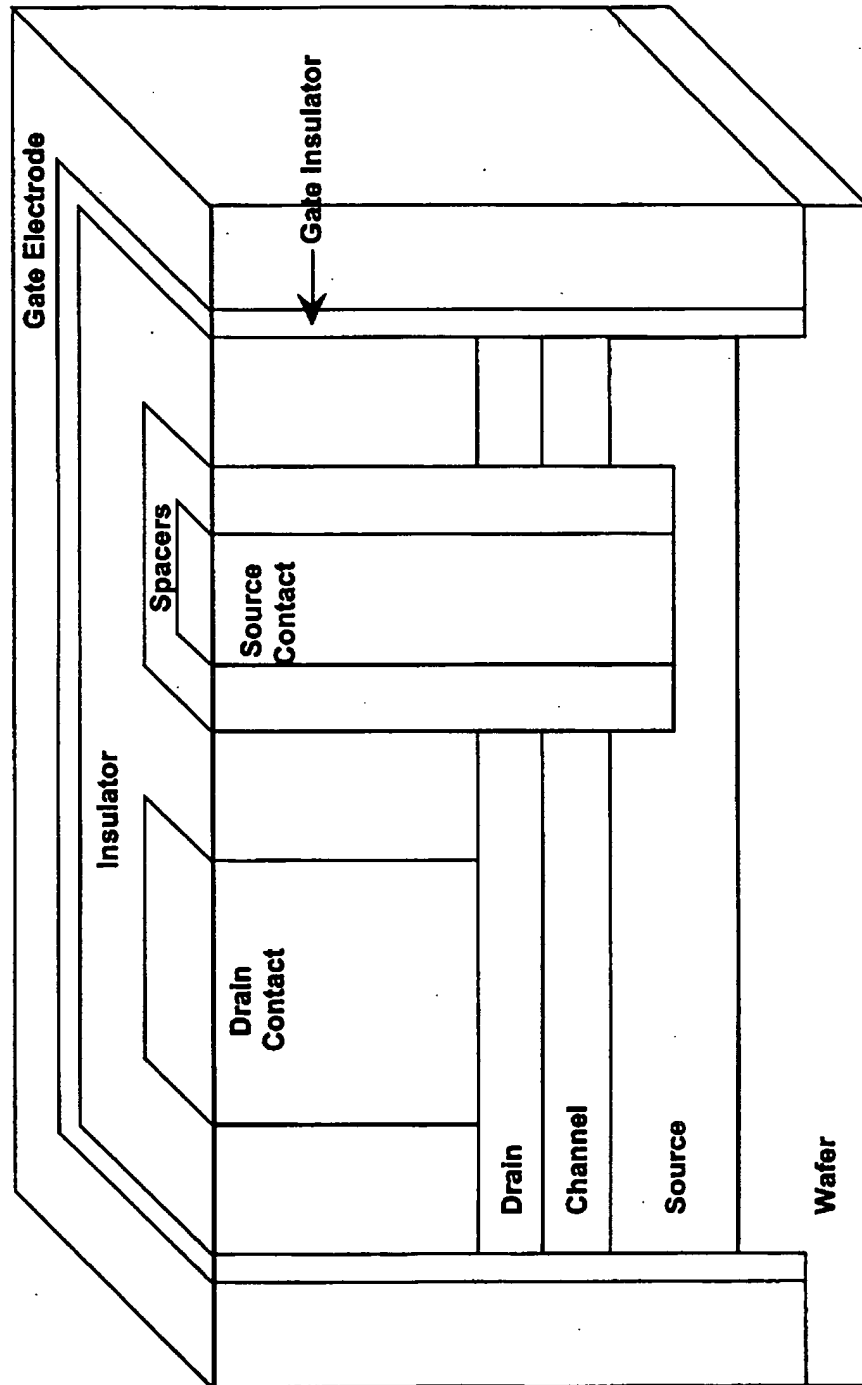


Figure 6

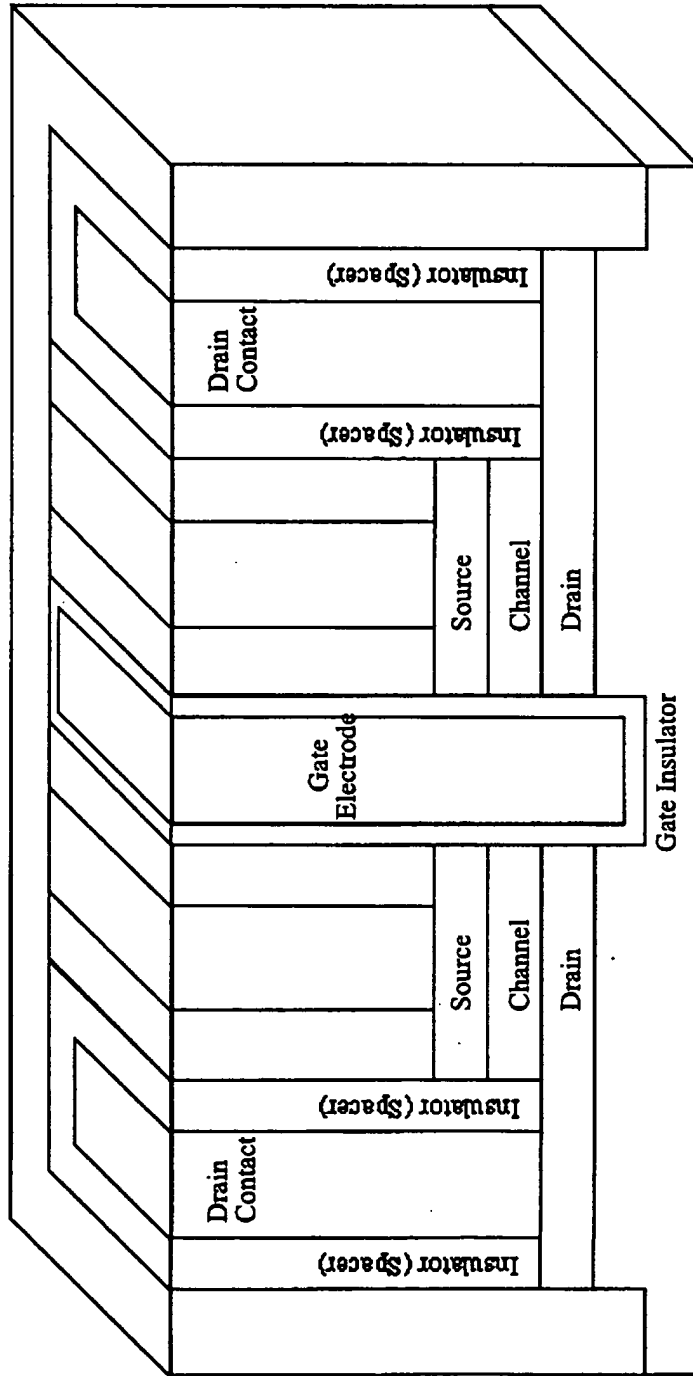


Figure 7a

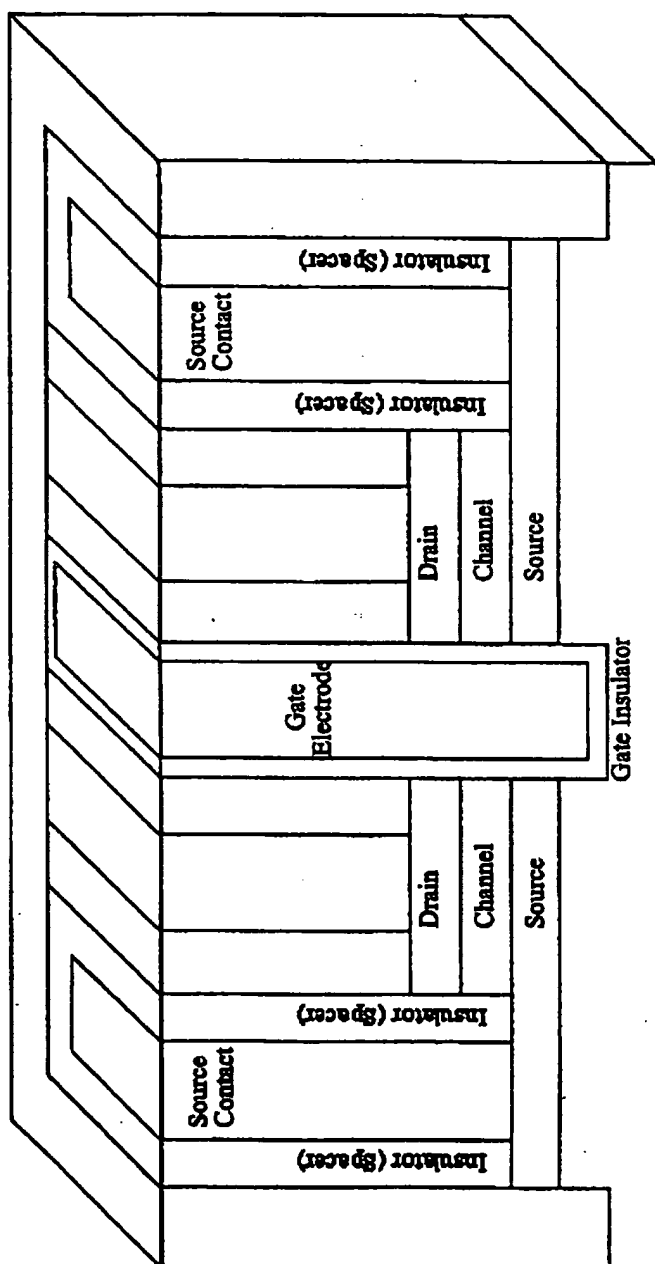


Figure 7b

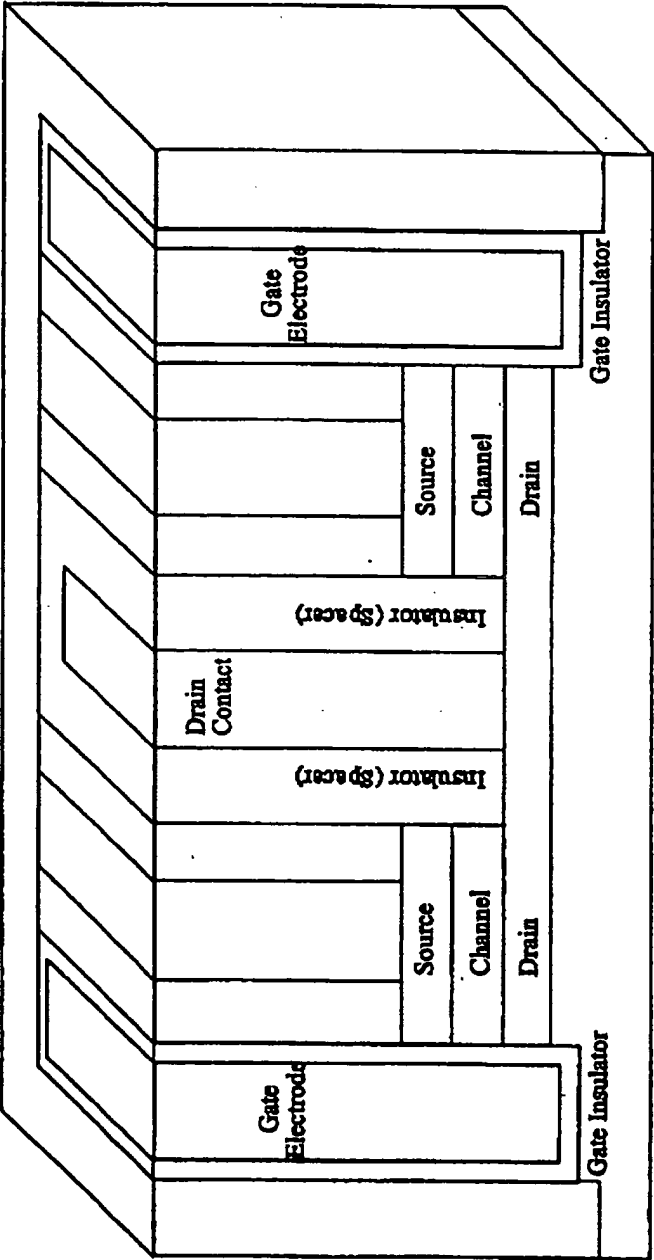


Figure 7c

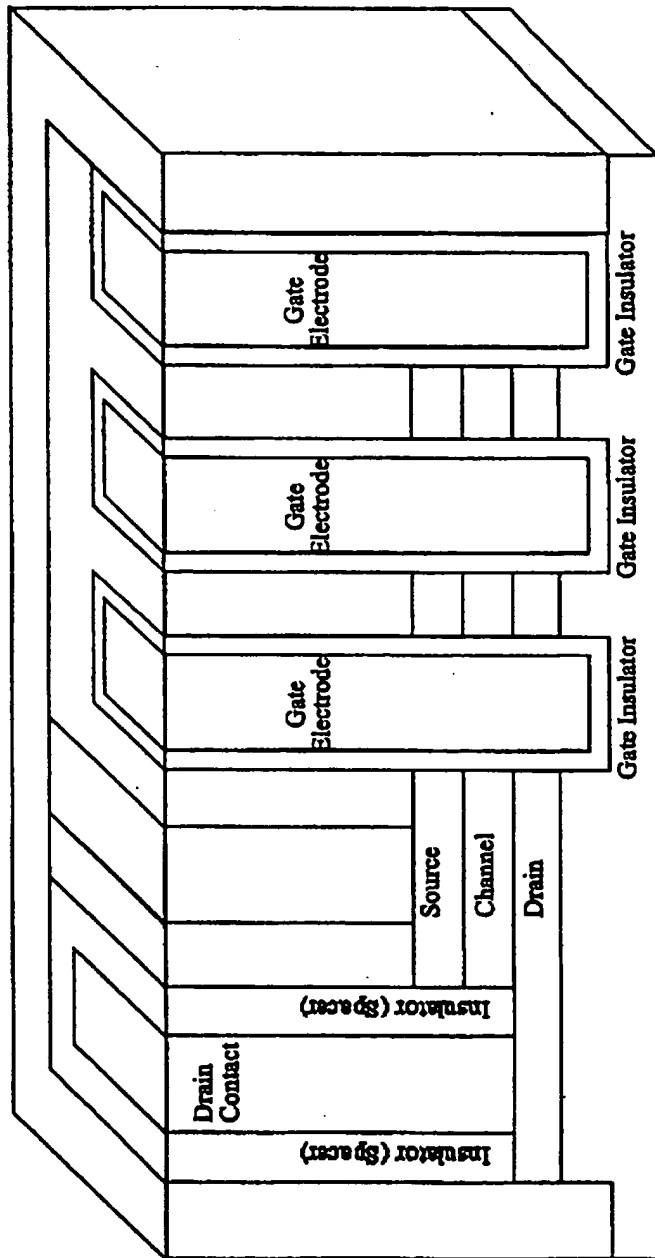


Figure 8

Figure 9: 4-Input CMOS “NOR” Logic Gates

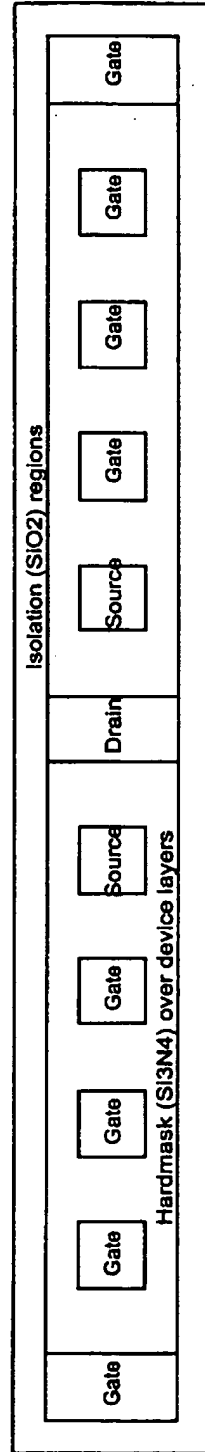


Figure 9a:
Static Source Voltage Supply (separate “NMOS” and “PMOS”

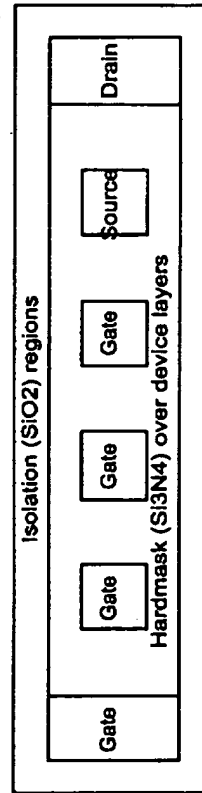
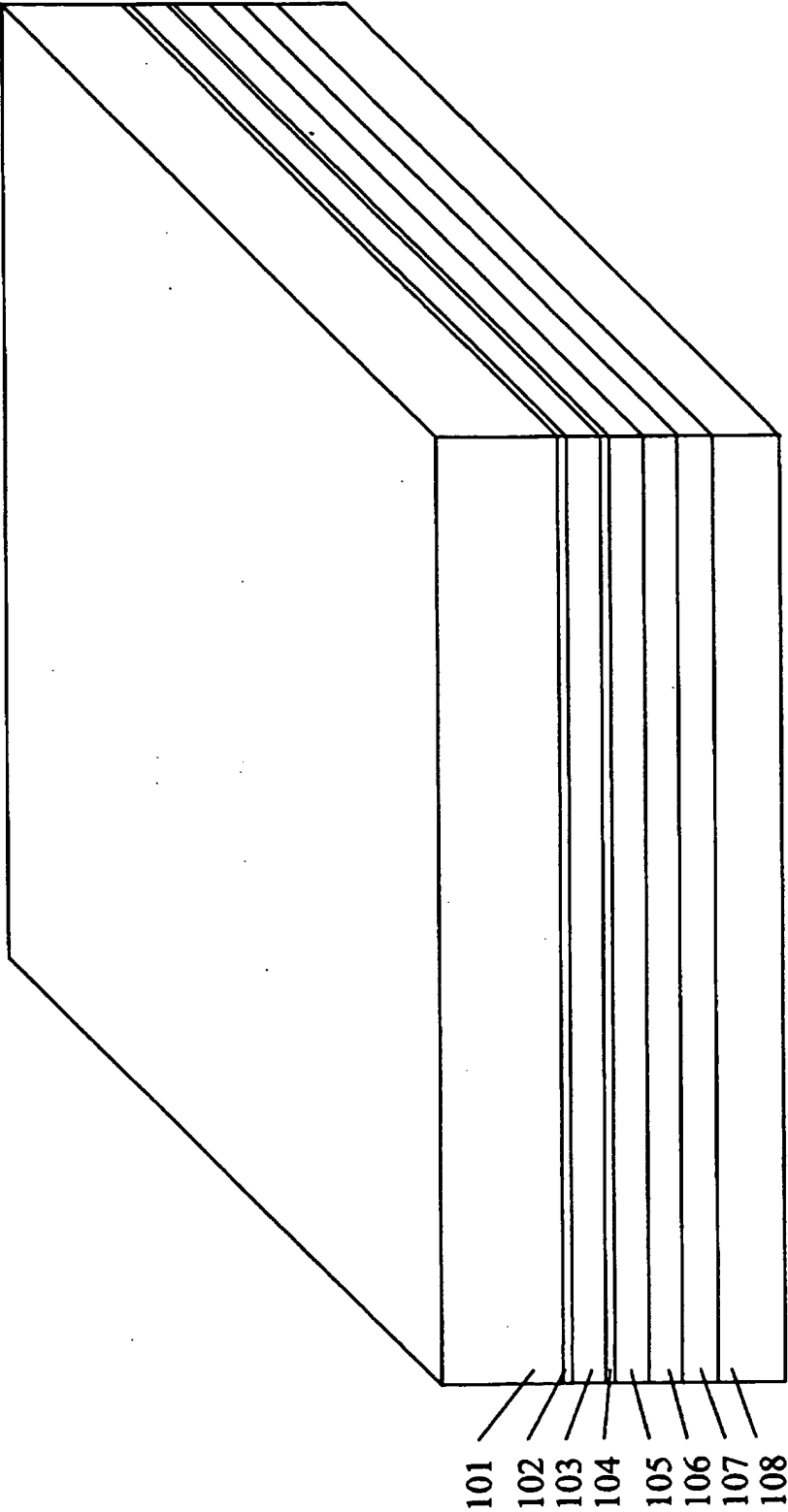


Figure 9b:
Dynamic Source Voltage Supply (single device as “NMOS” and “PMOS”)

Figure 10A



25/72

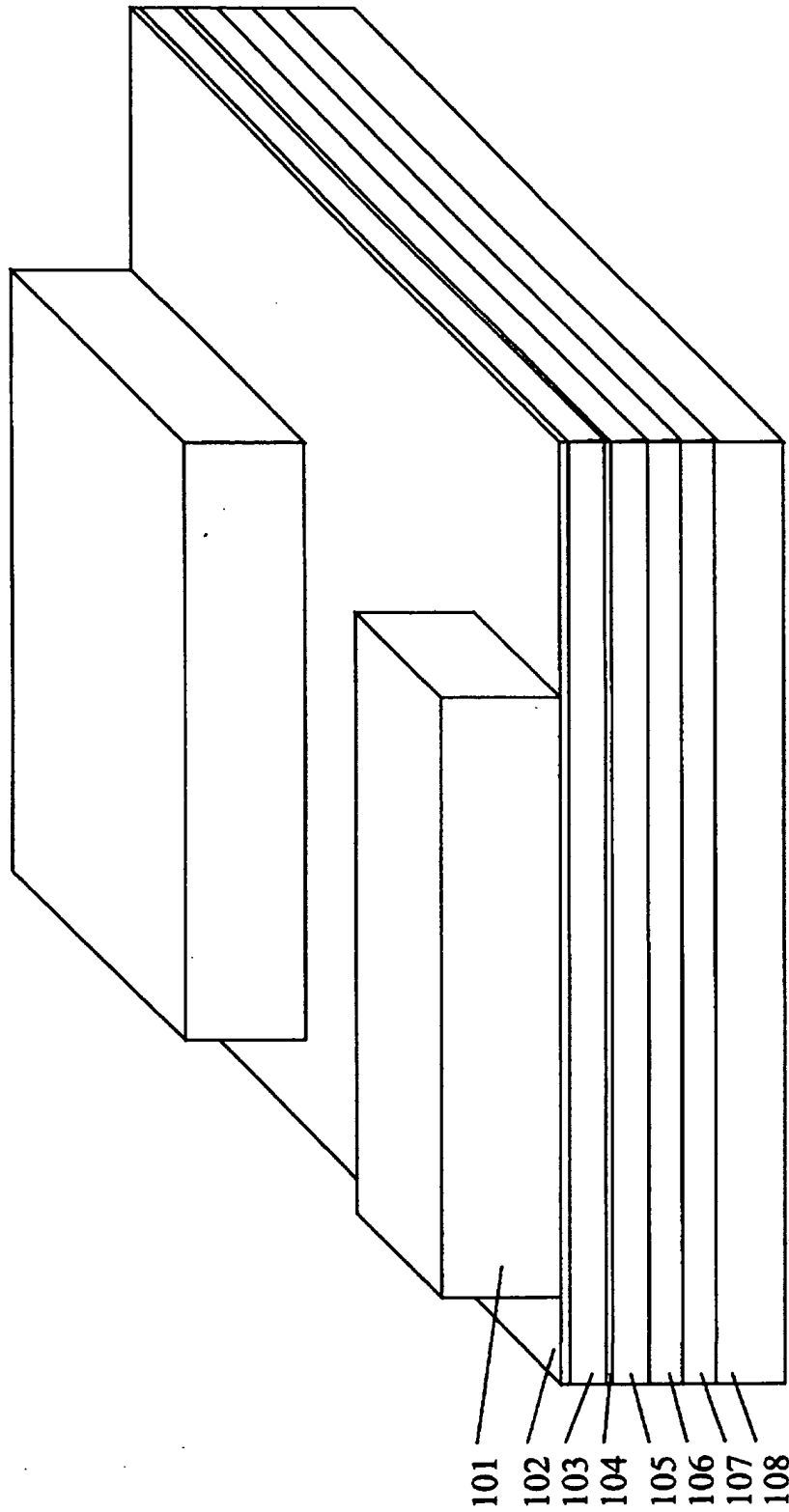
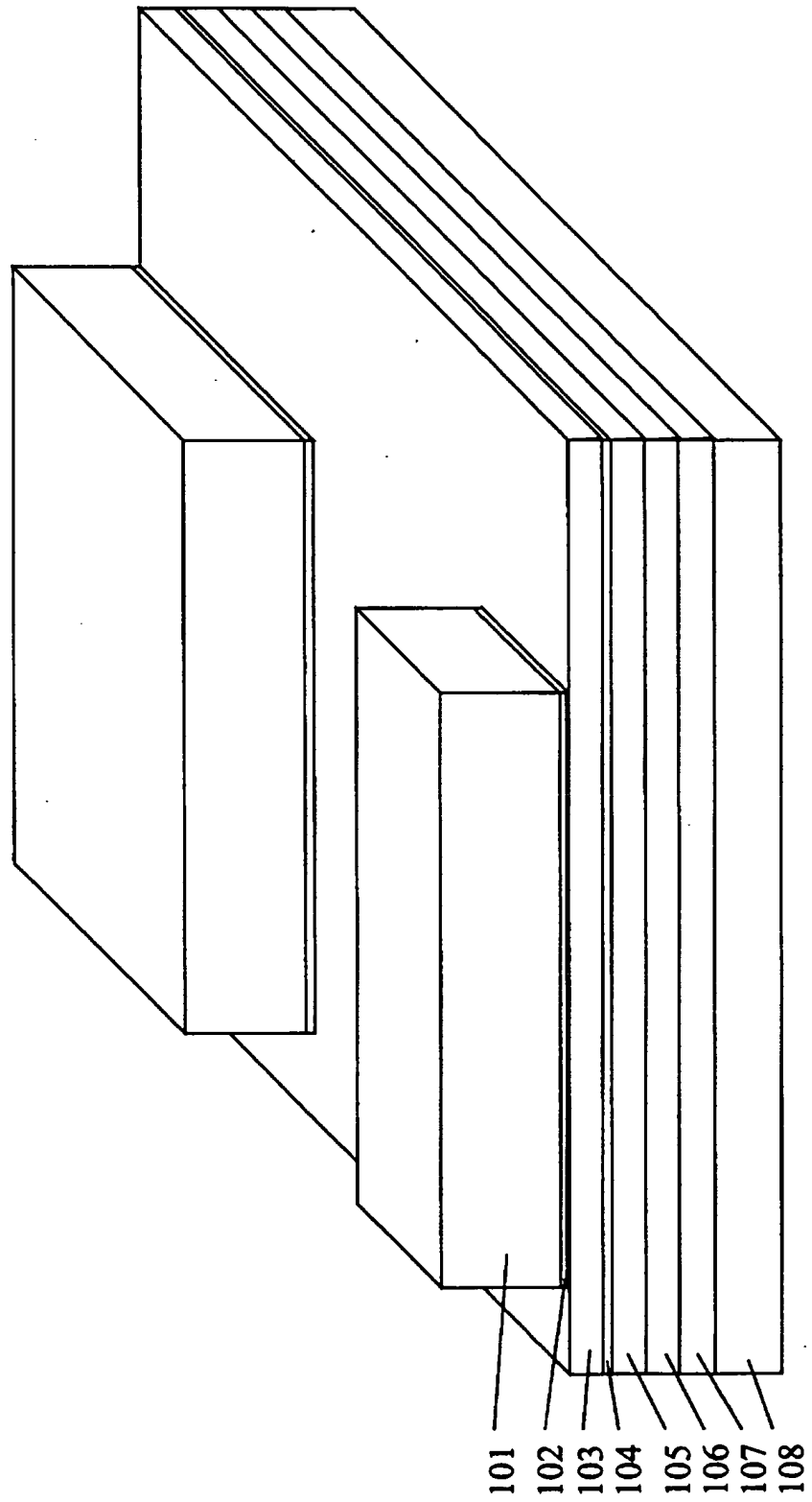


Figure 10B

Figure 10C



27/72

Figure 10D

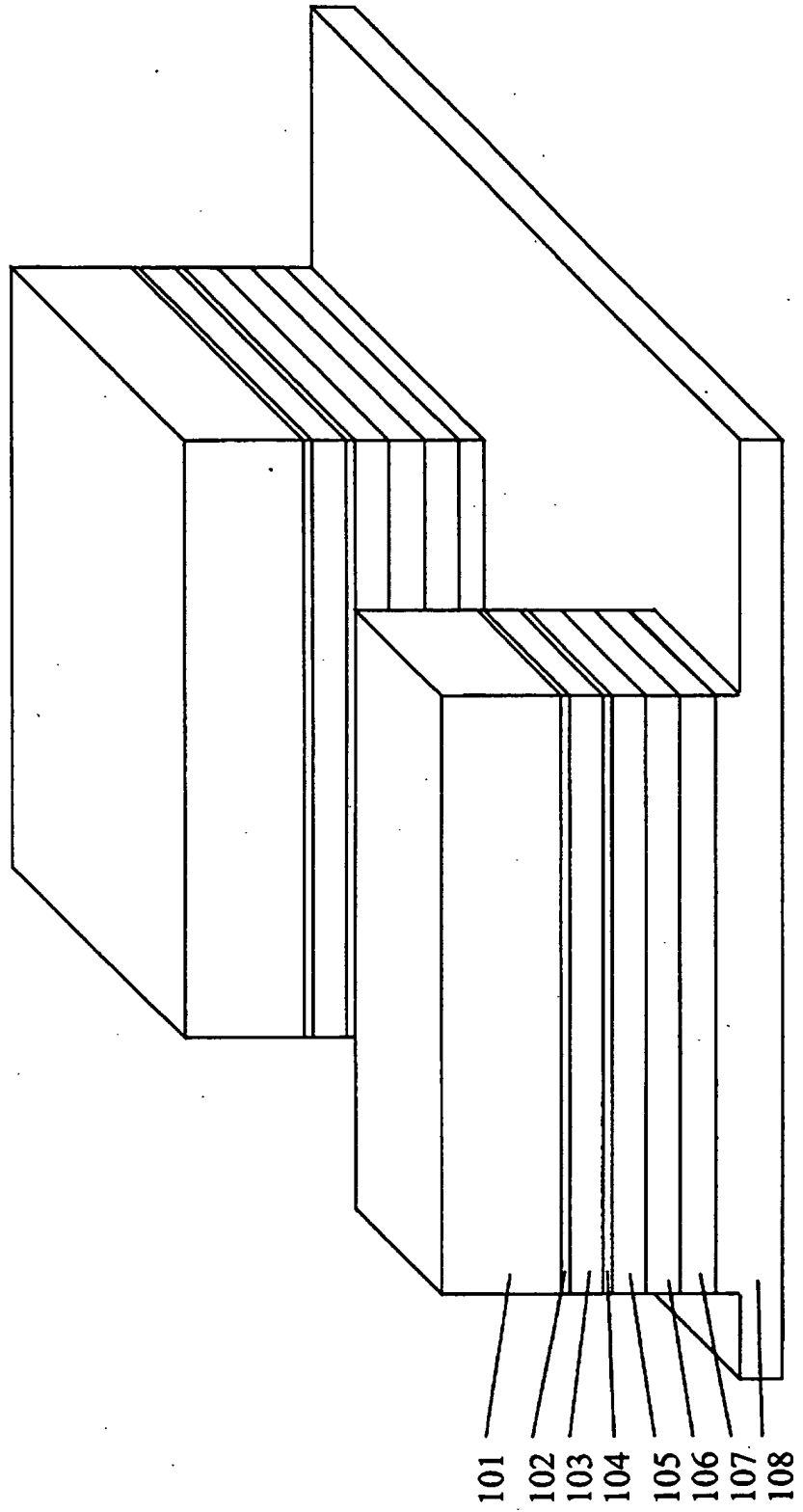


Figure 10E

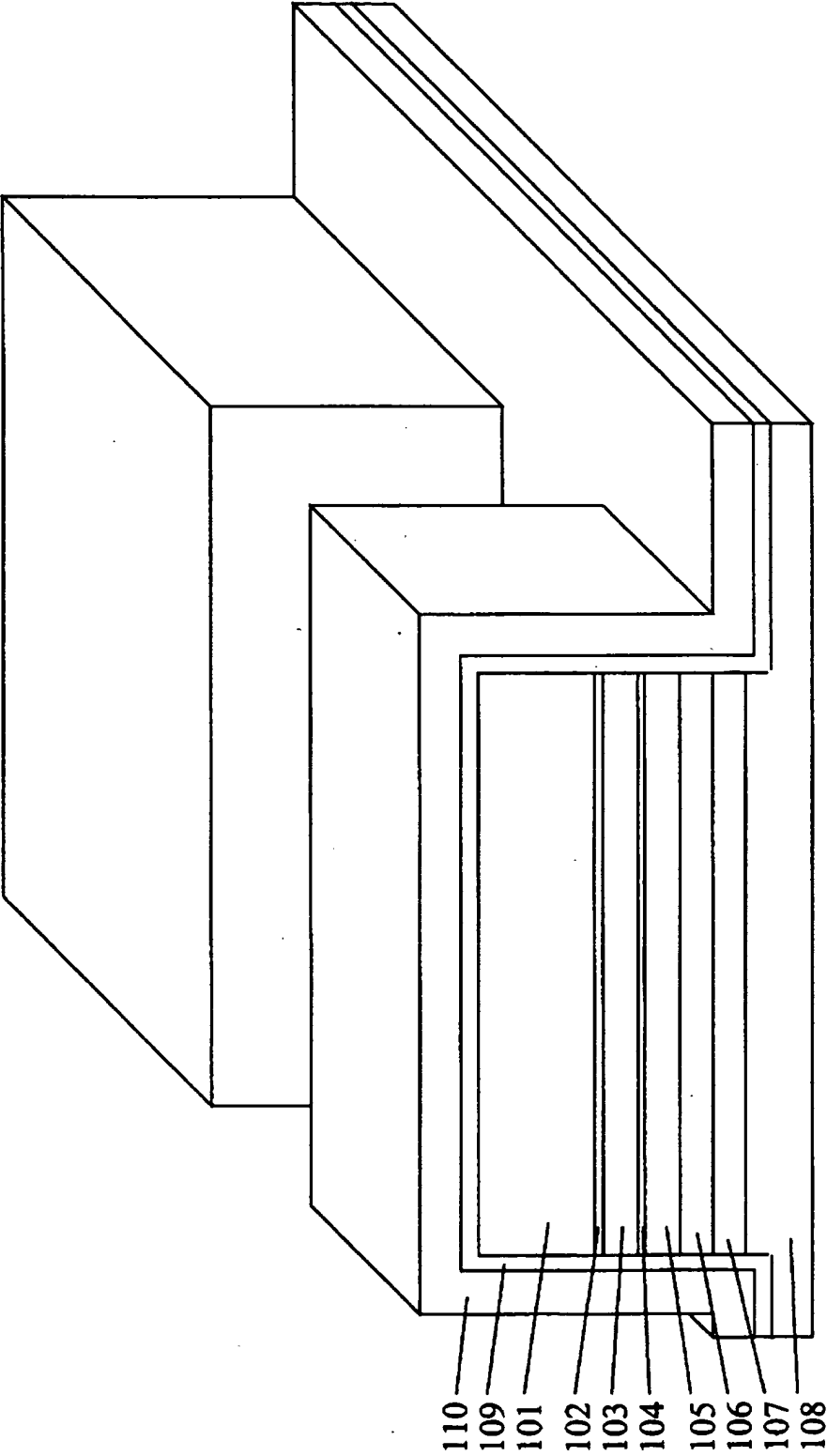


Figure 10F

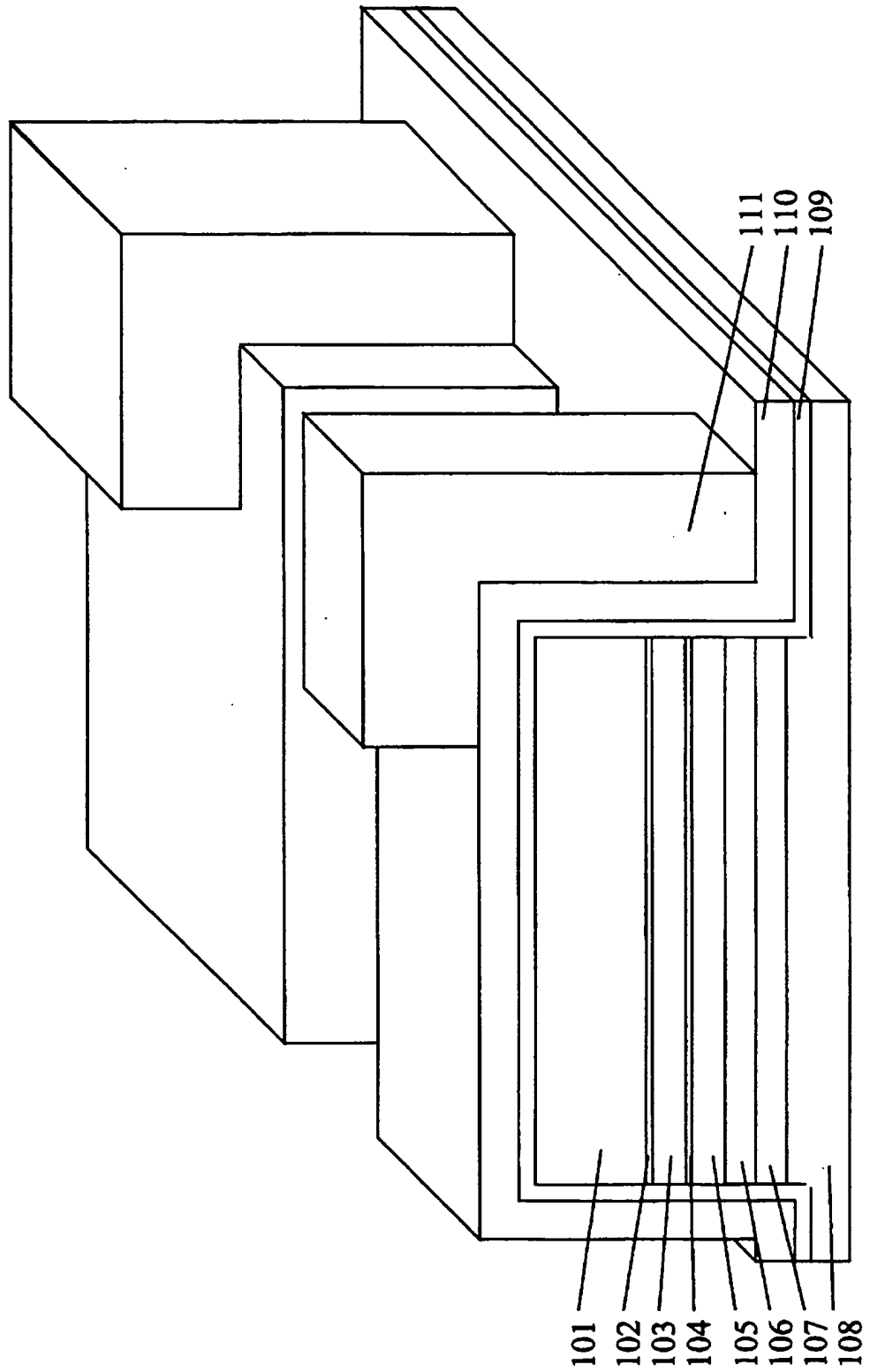


Figure 10G

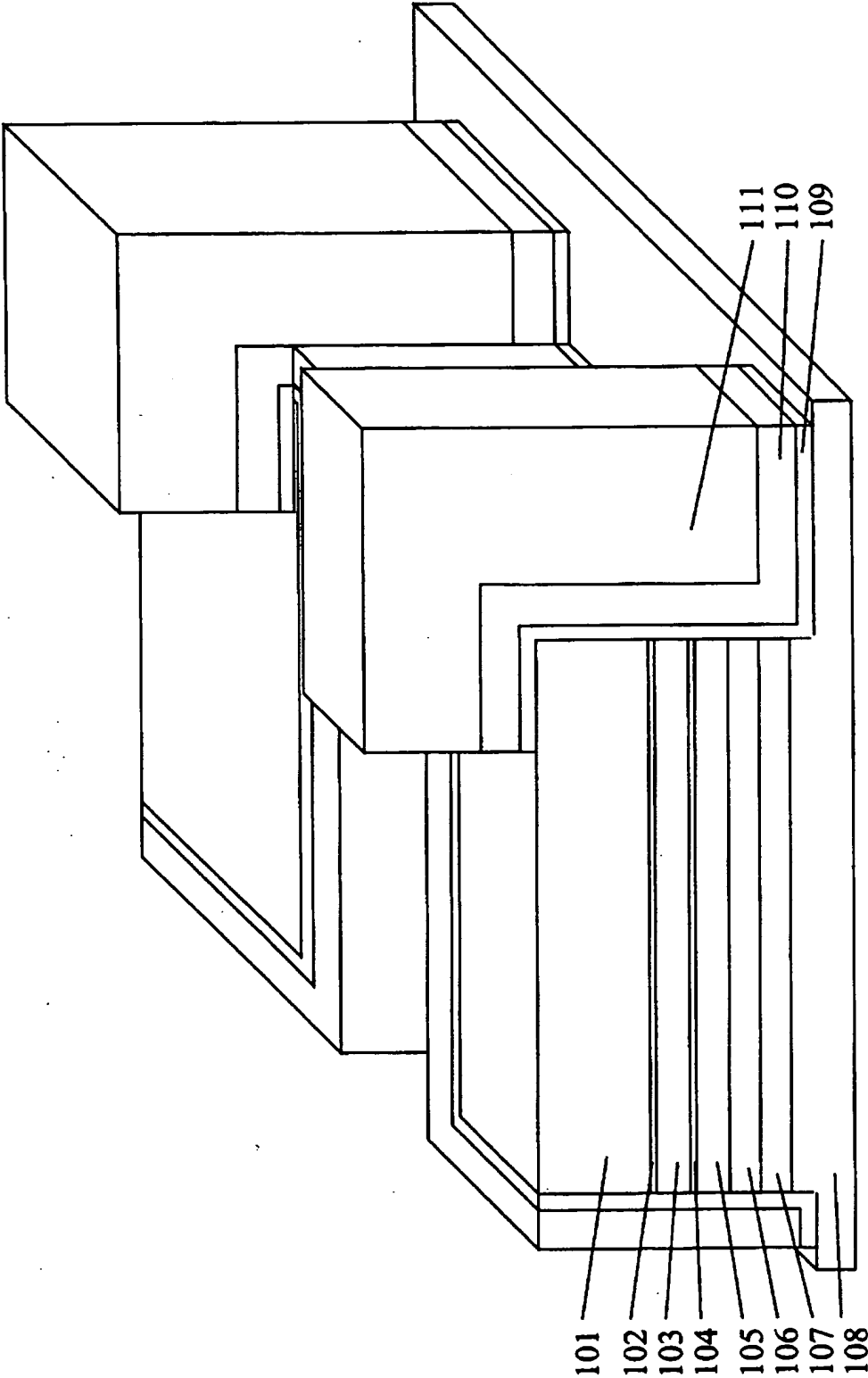


Figure 10H

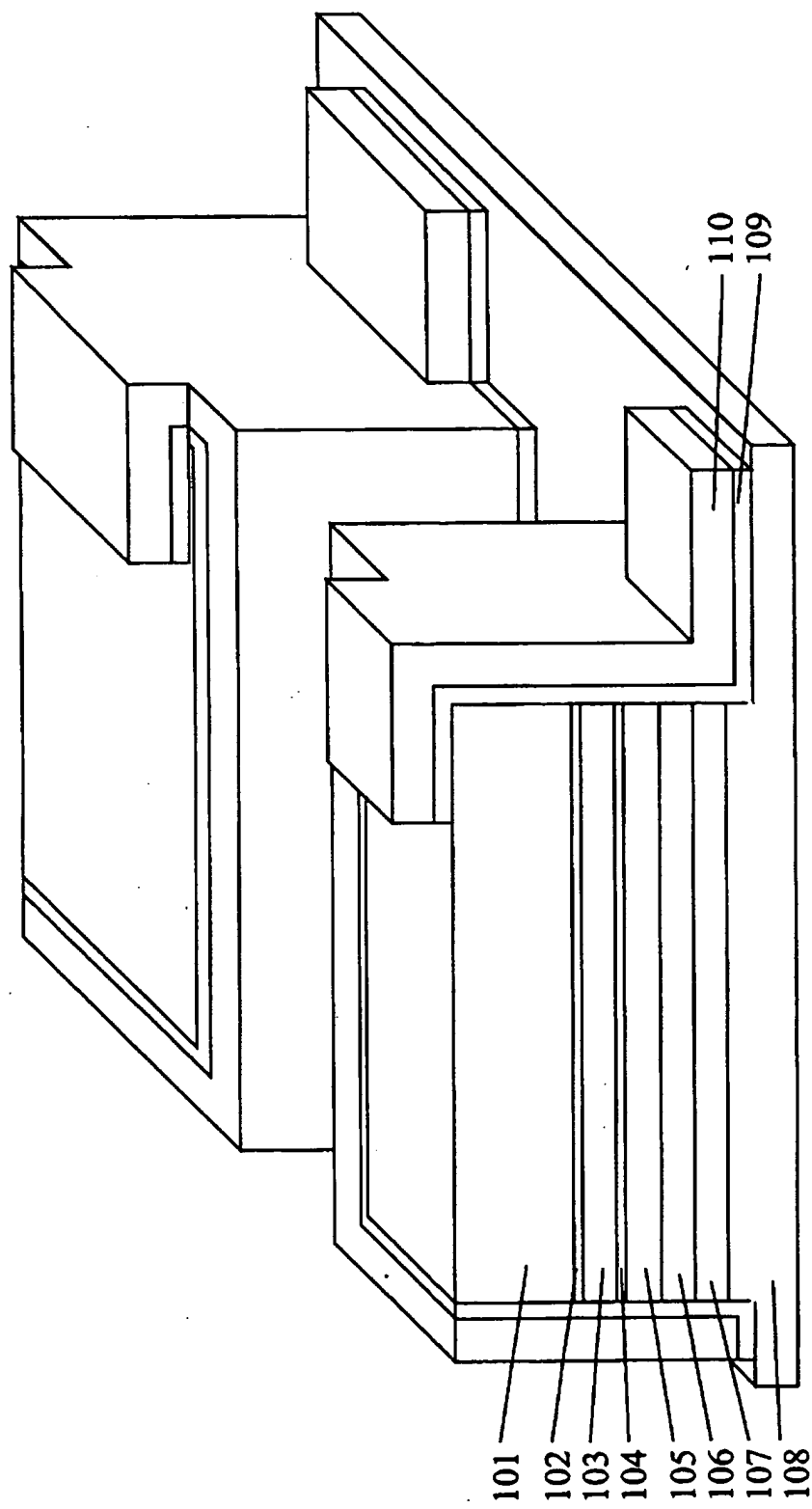


Figure 10J

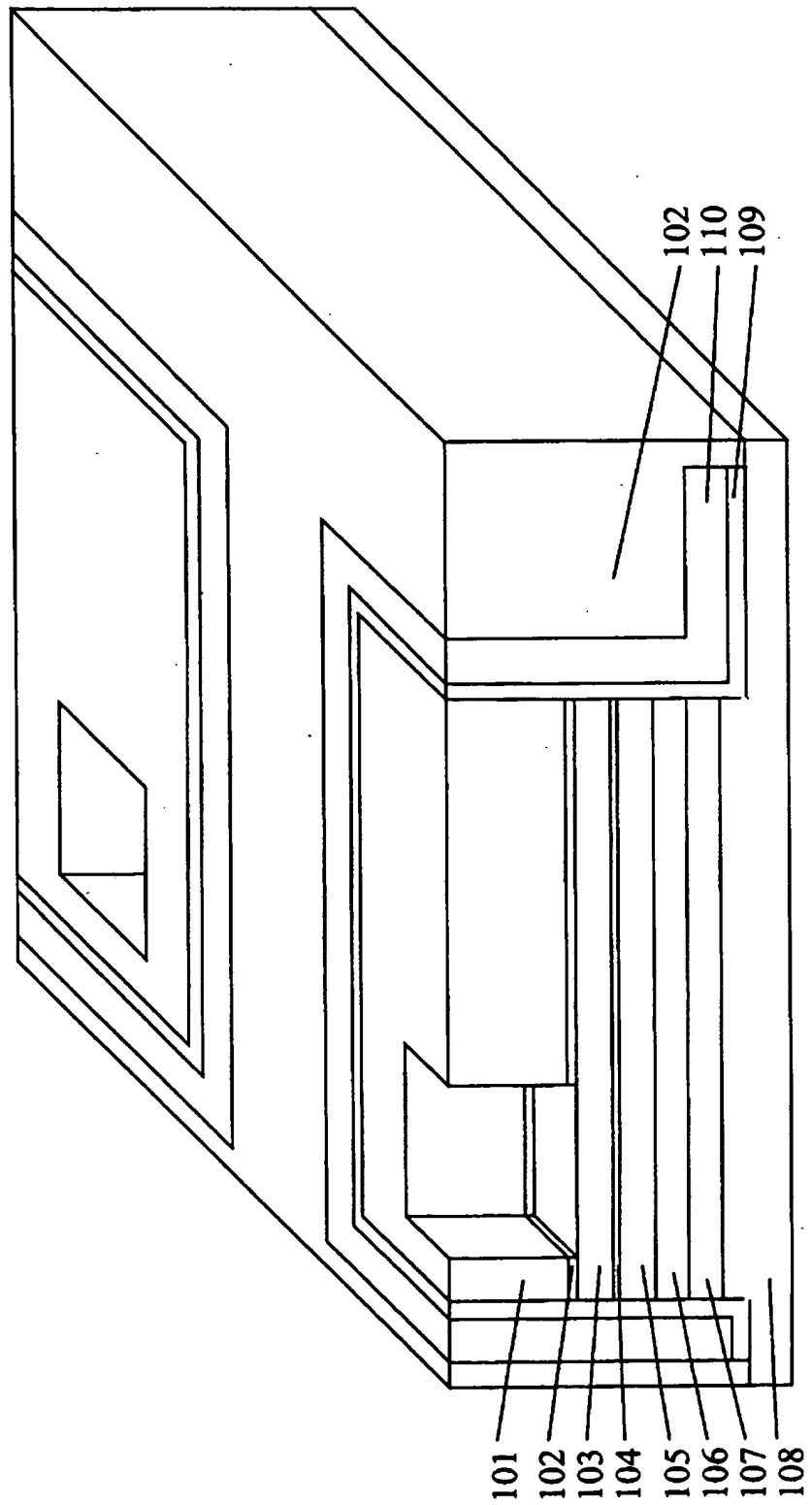


Figure 10K

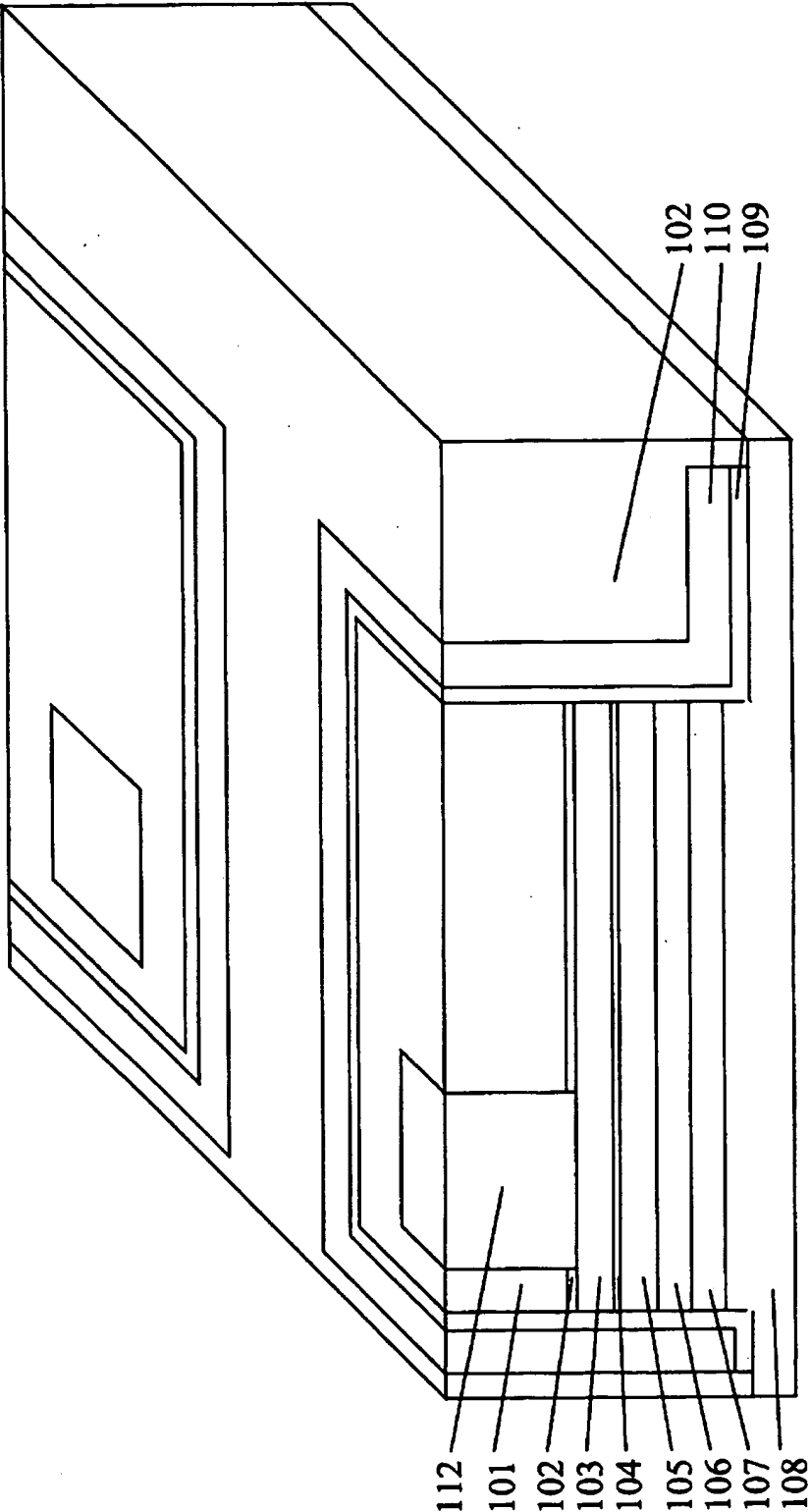


Figure 10L

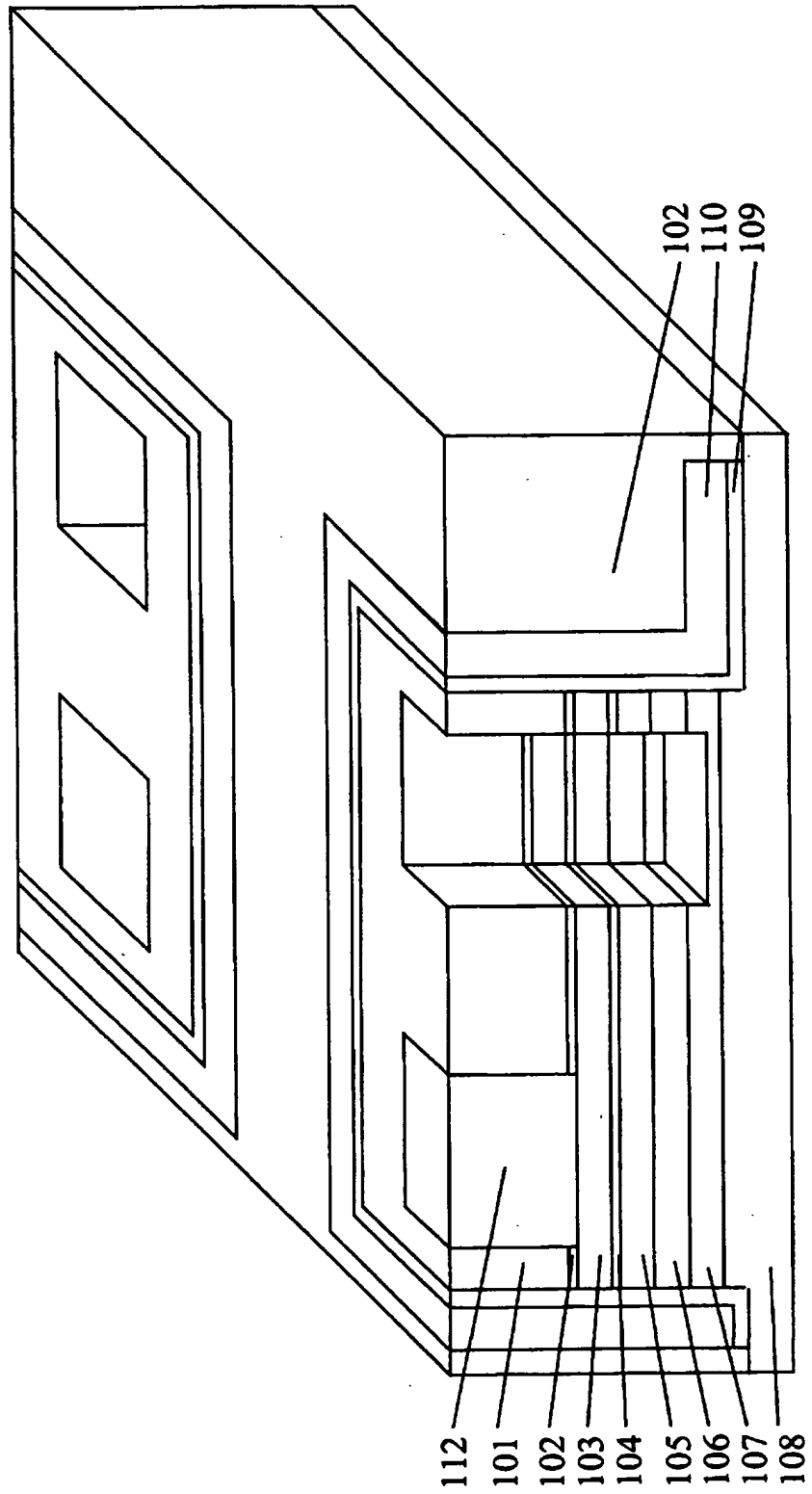


Figure 10M

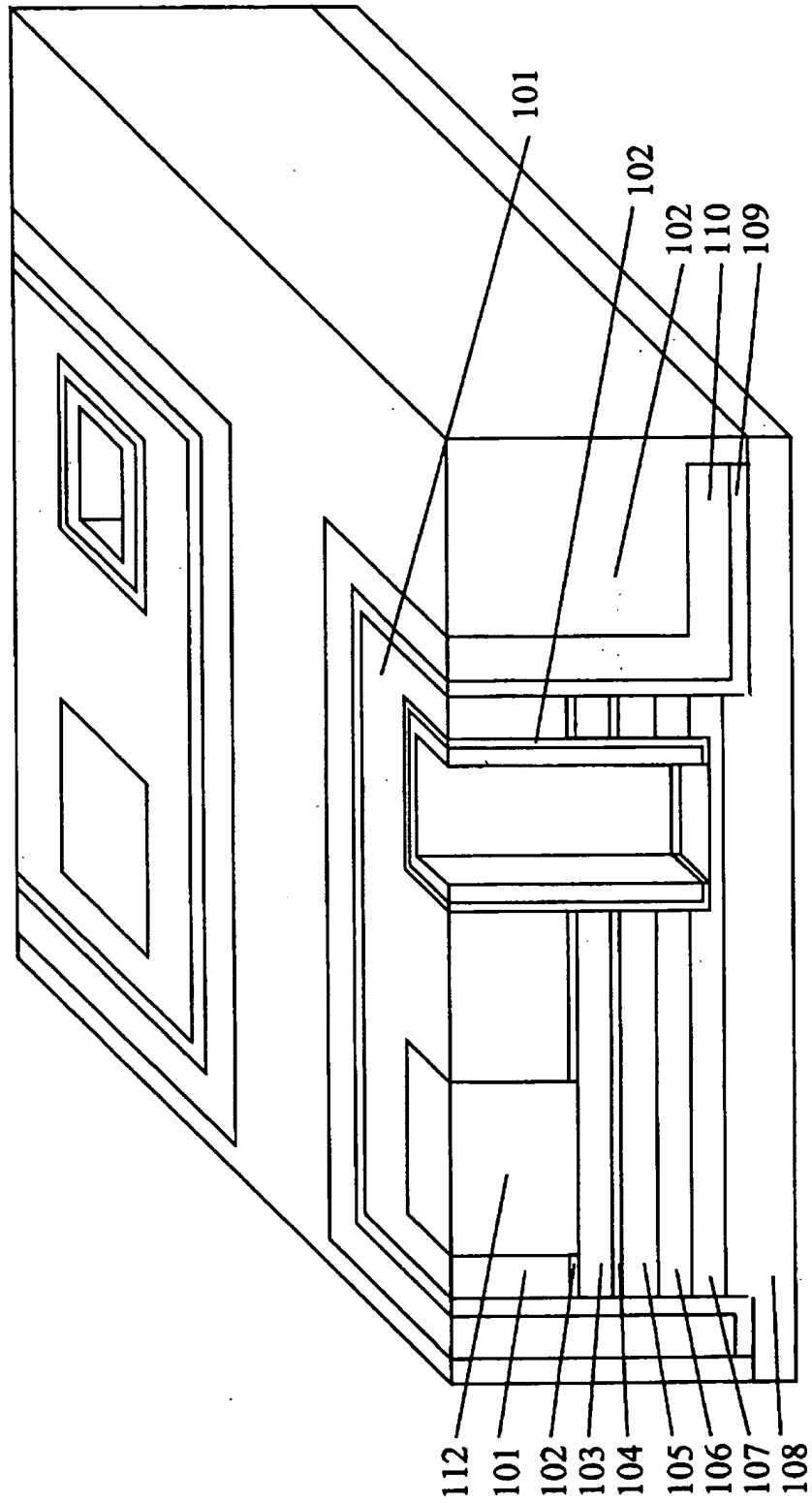


Figure 10N

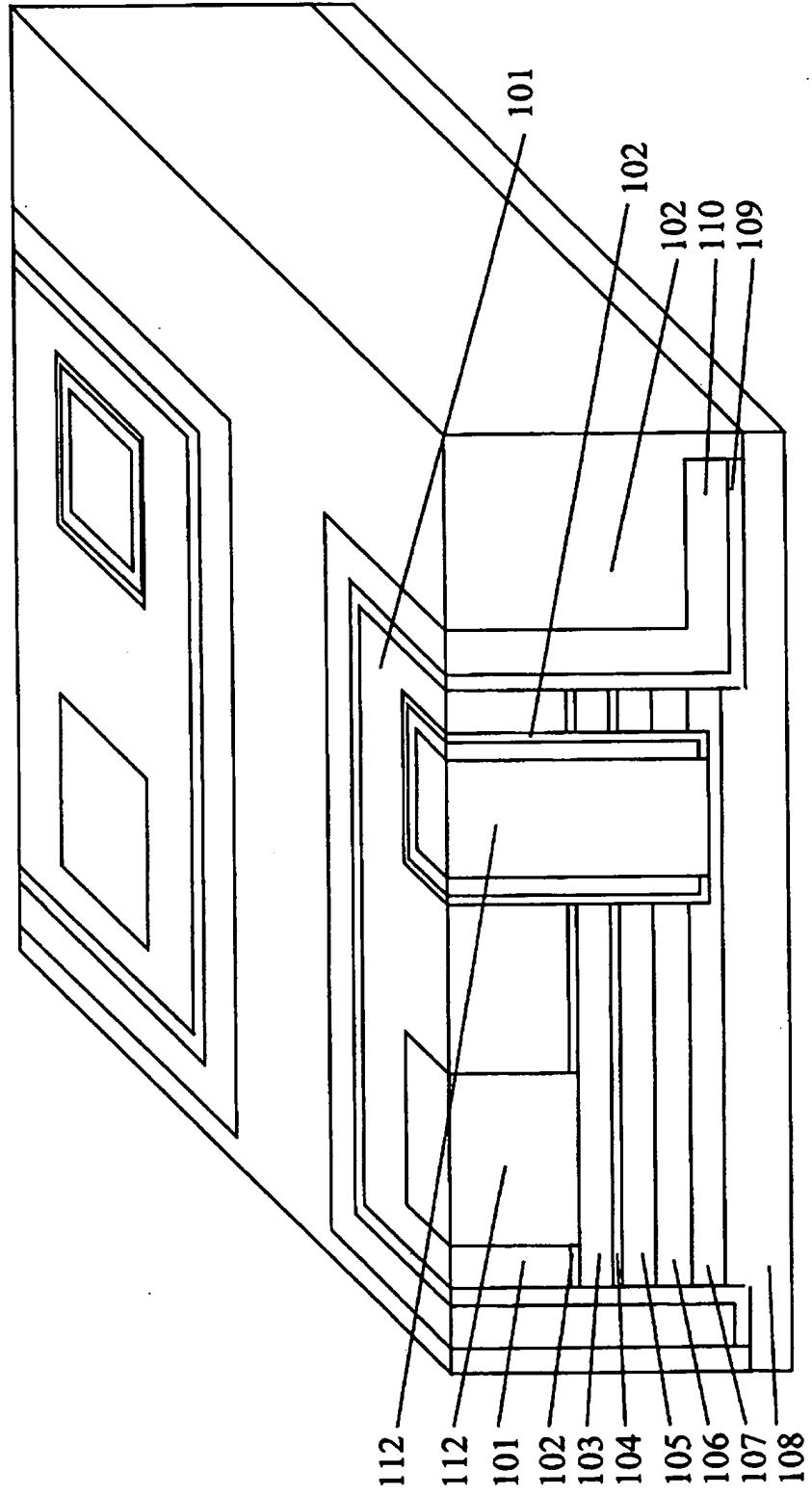


Figure 11A

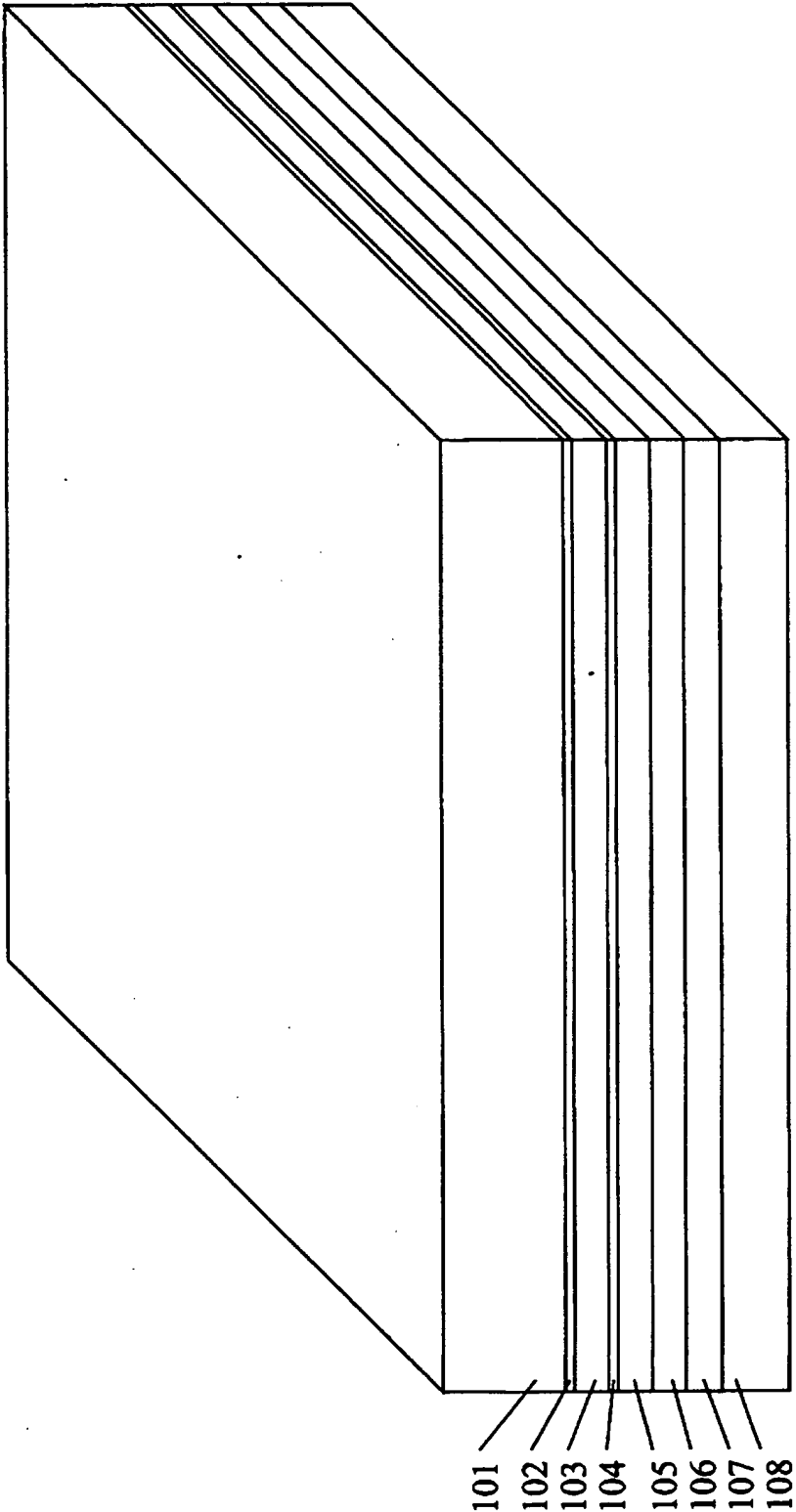
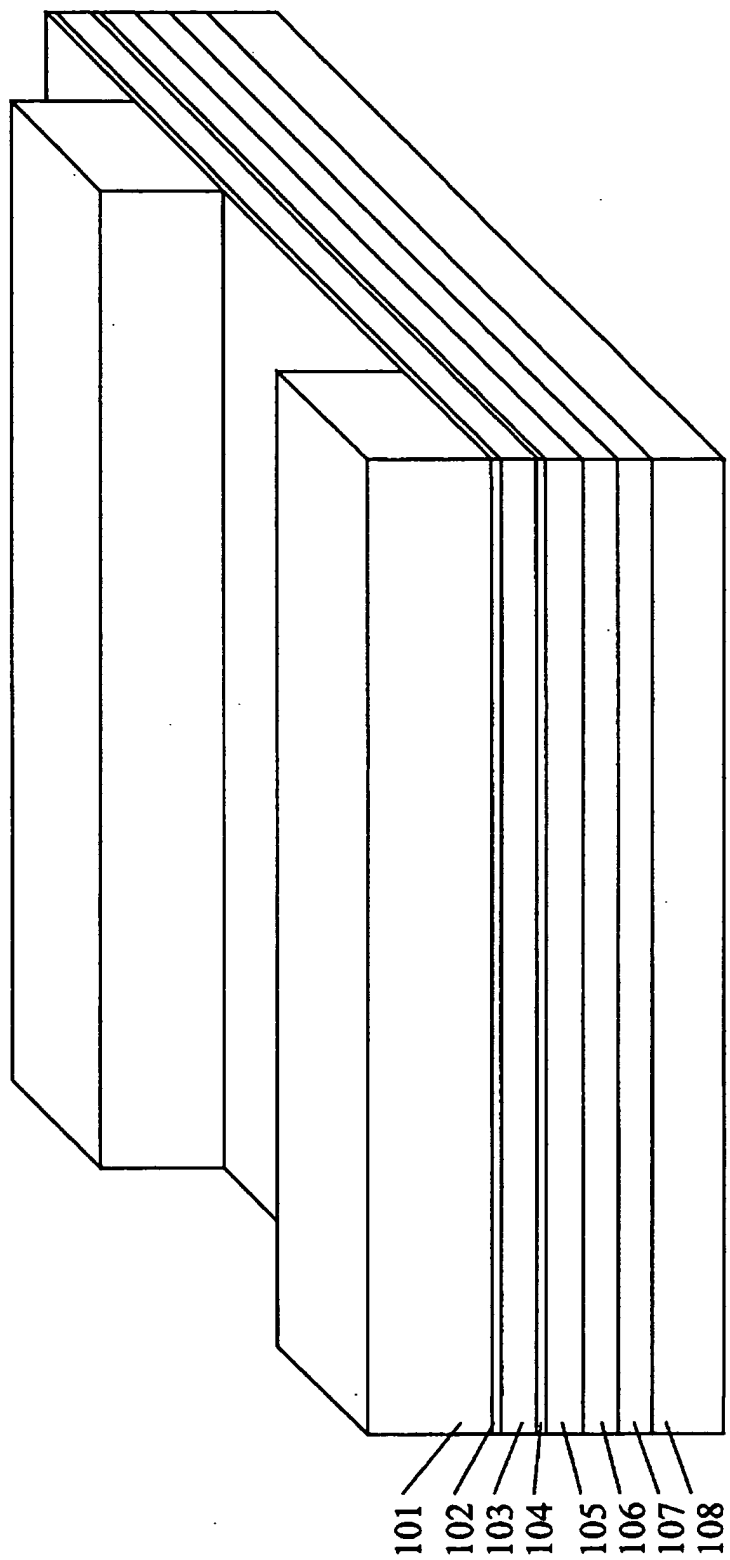


Figure 11B



40/72

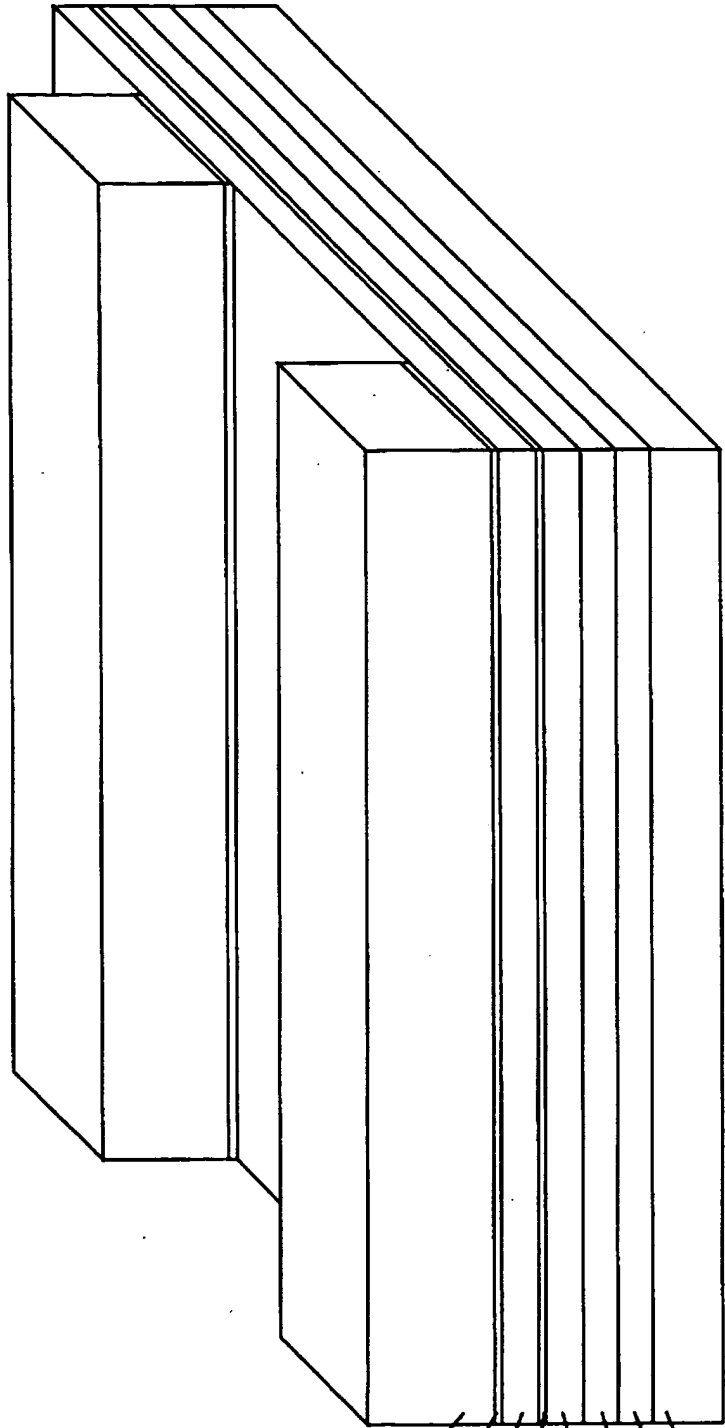


Figure 11C

41/72

Figure 11D

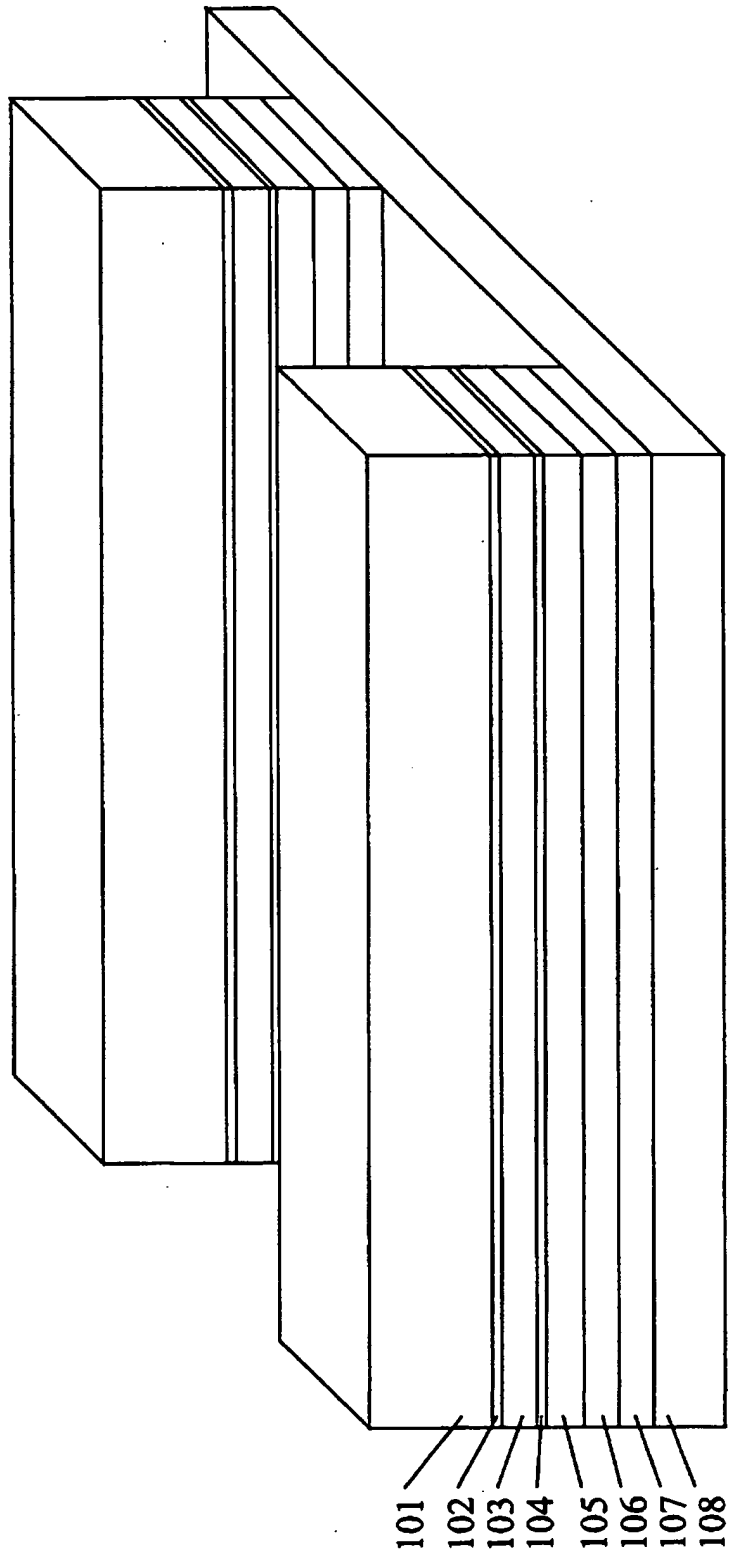


Figure 11E

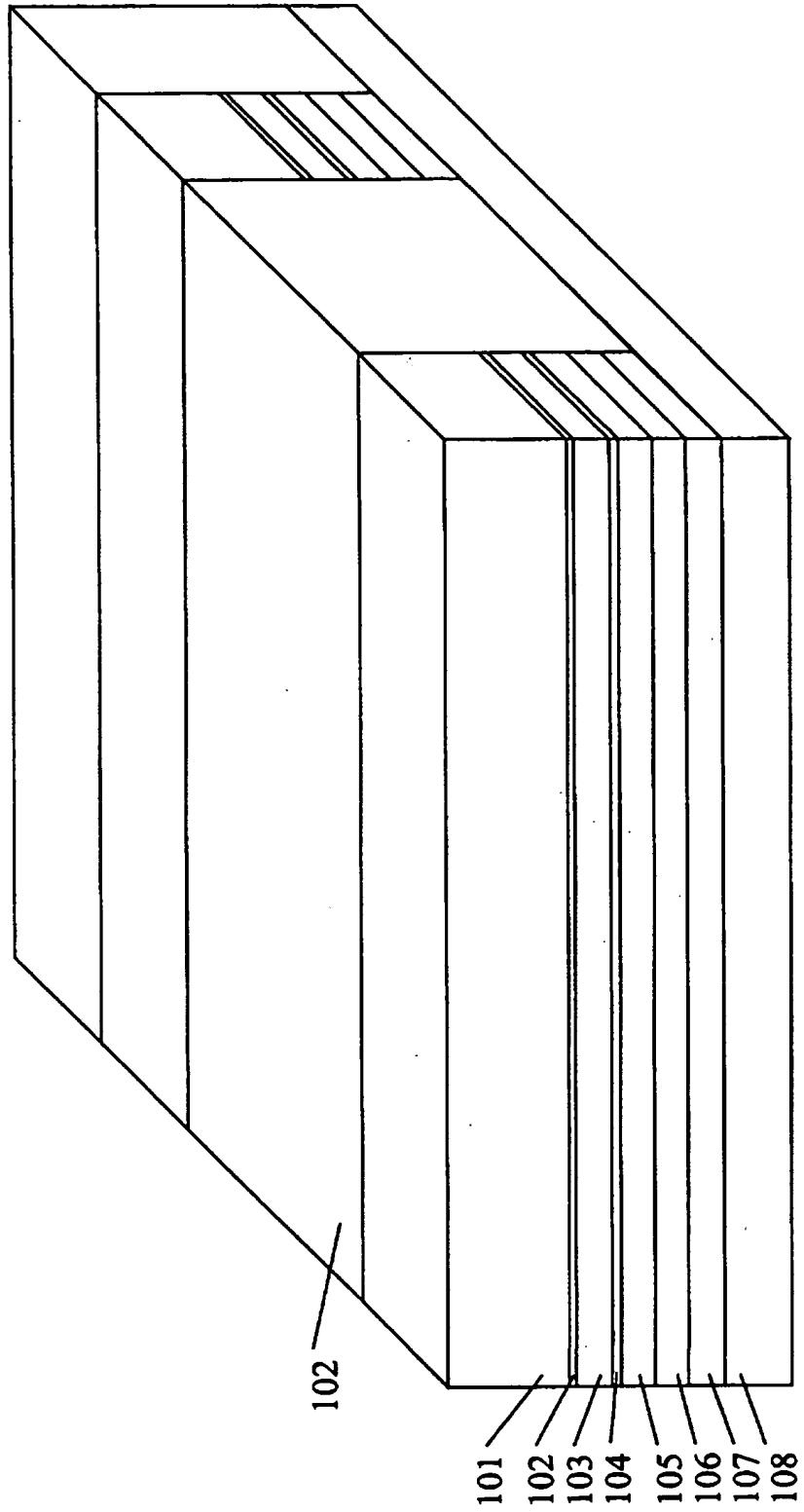


Figure 11F

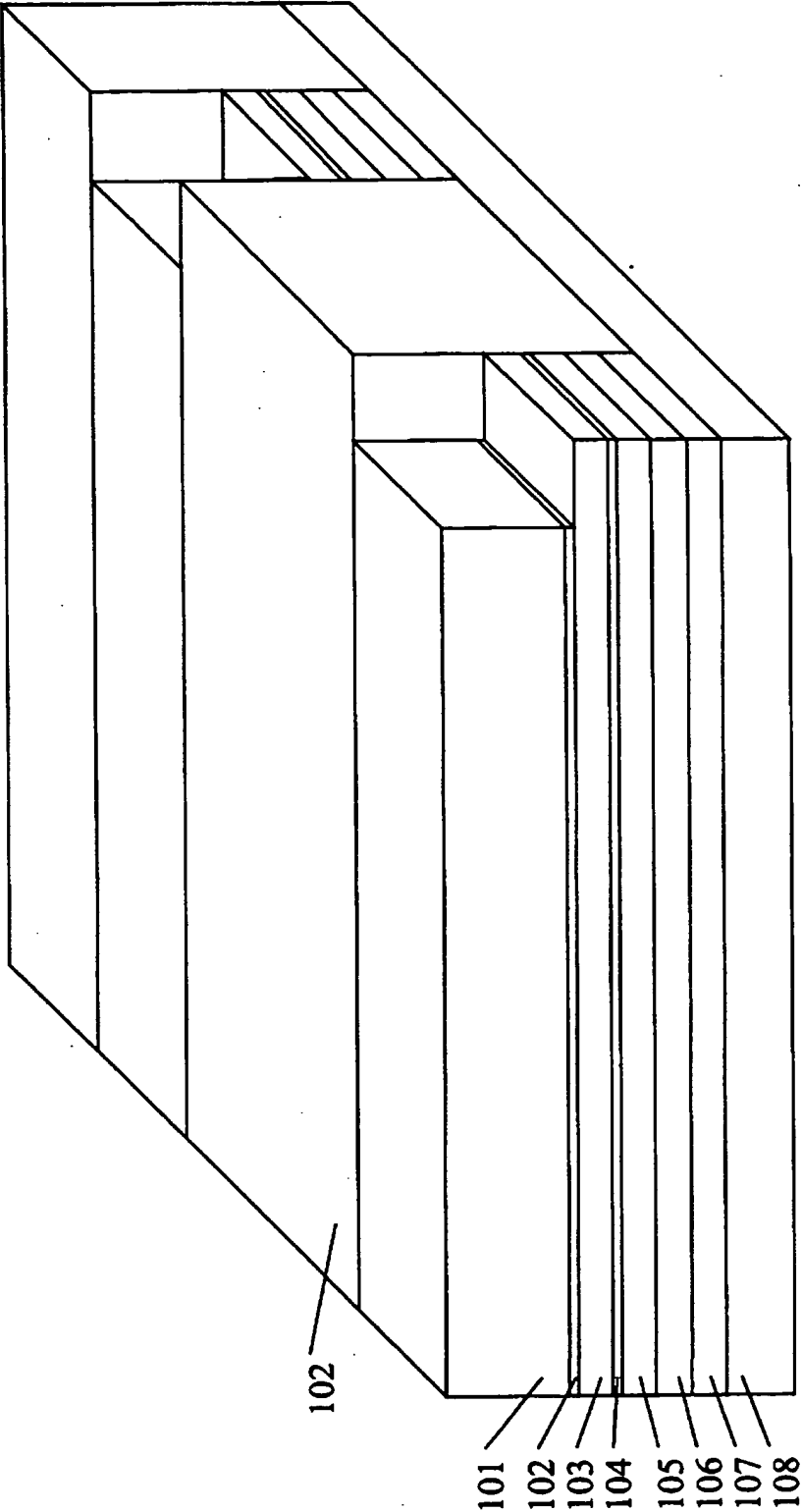
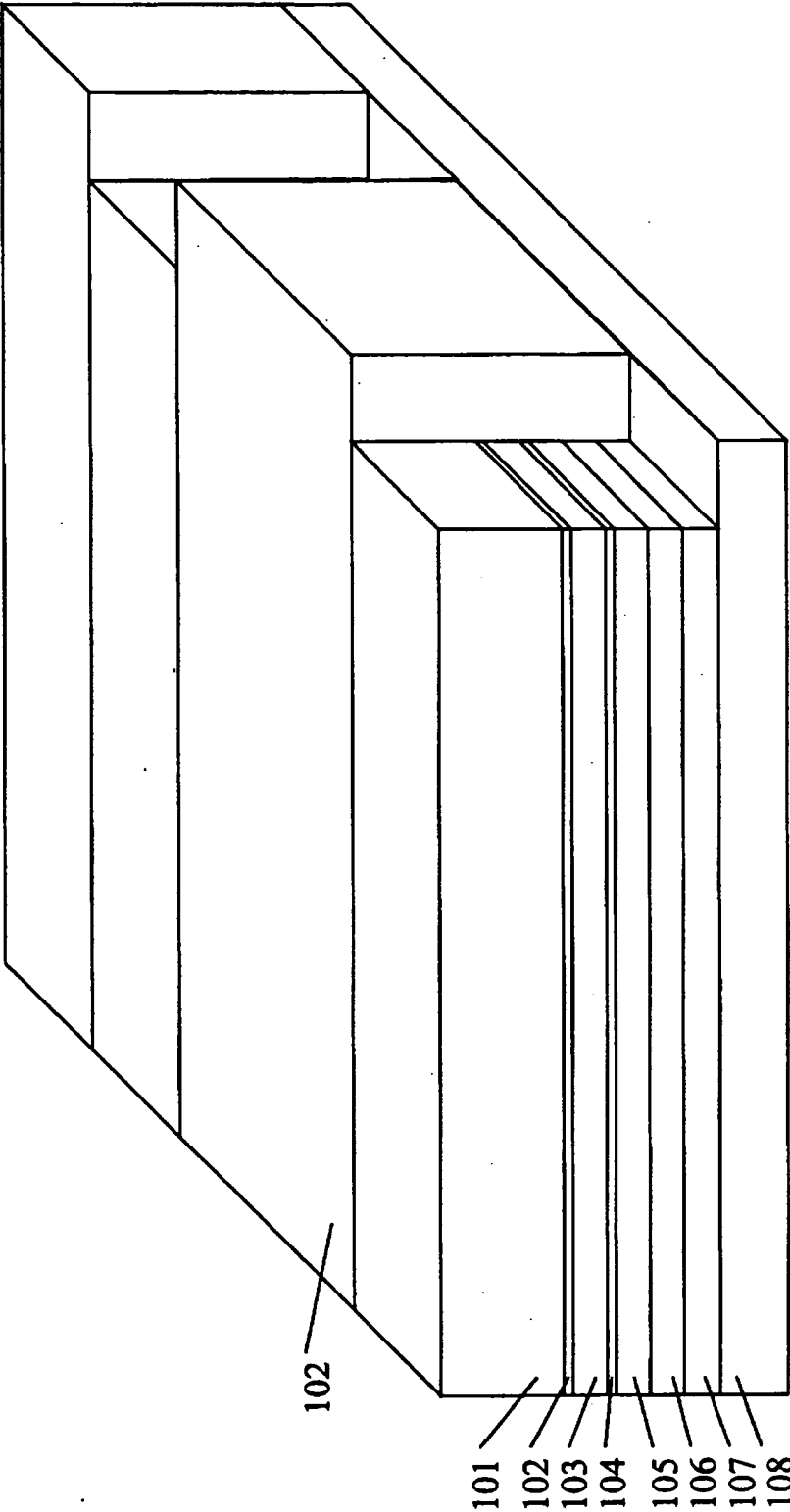


Figure 11G



45/72

Figure 11H

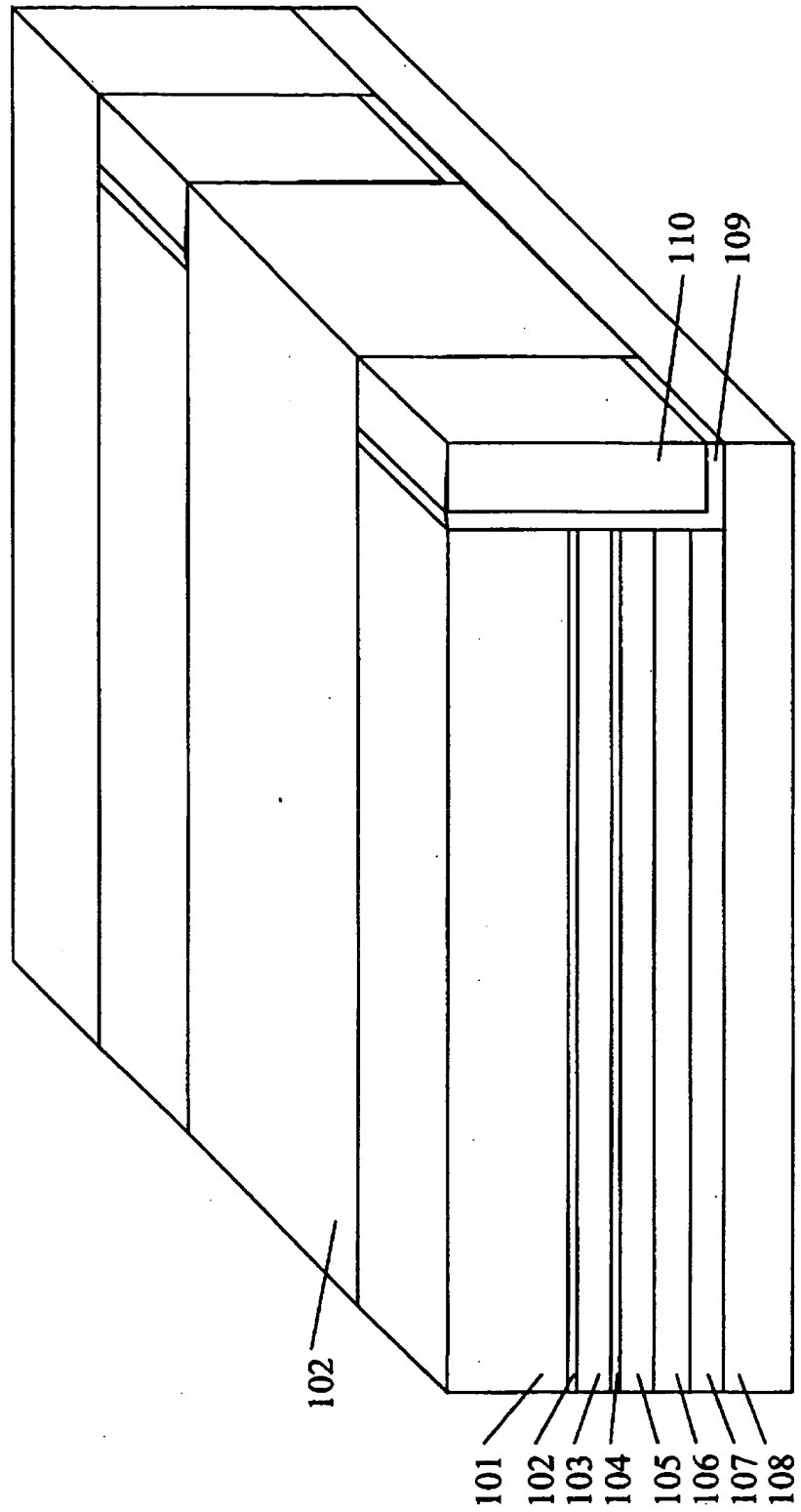
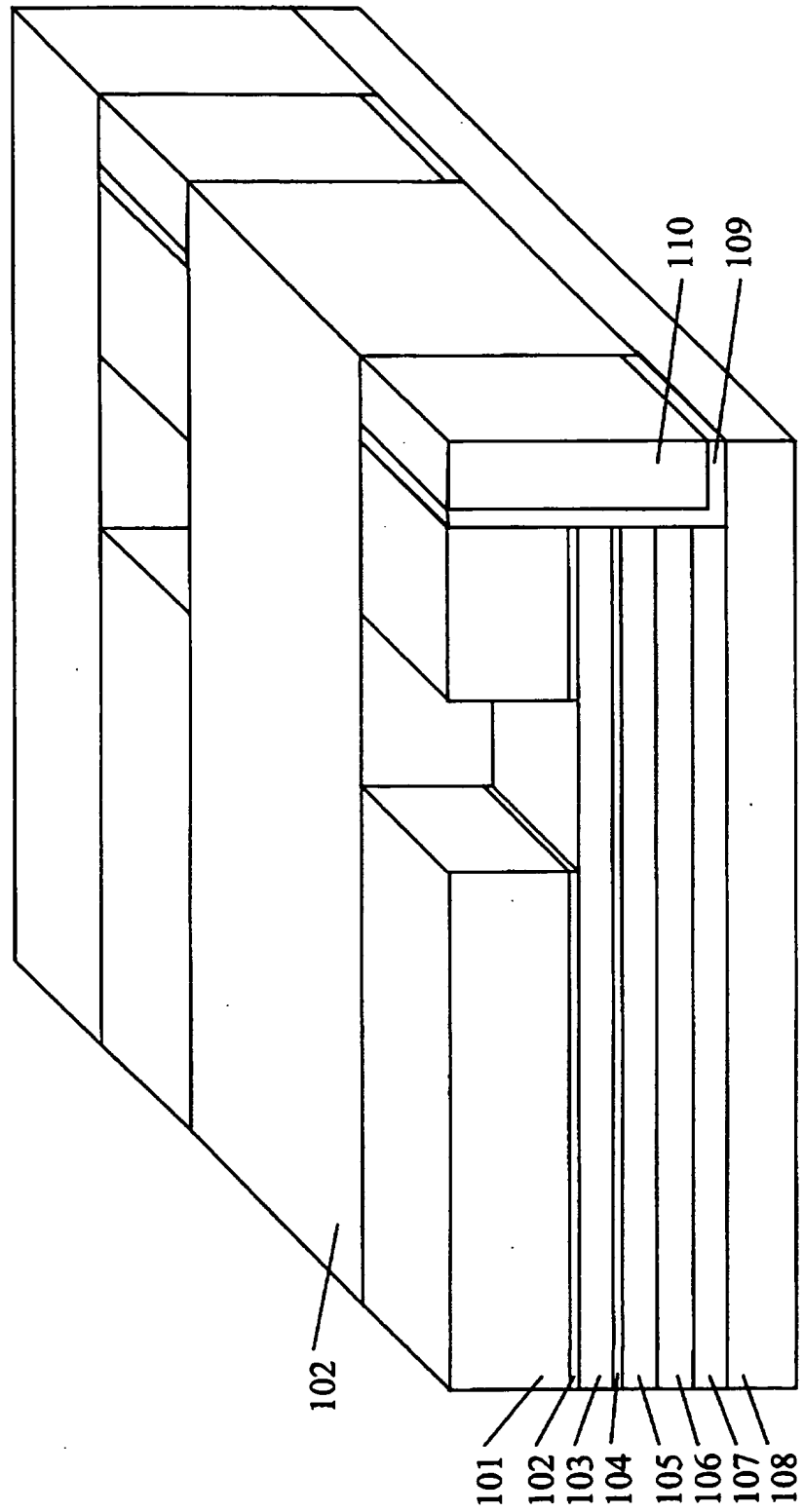


Figure 11I



47/72

Figure 11J

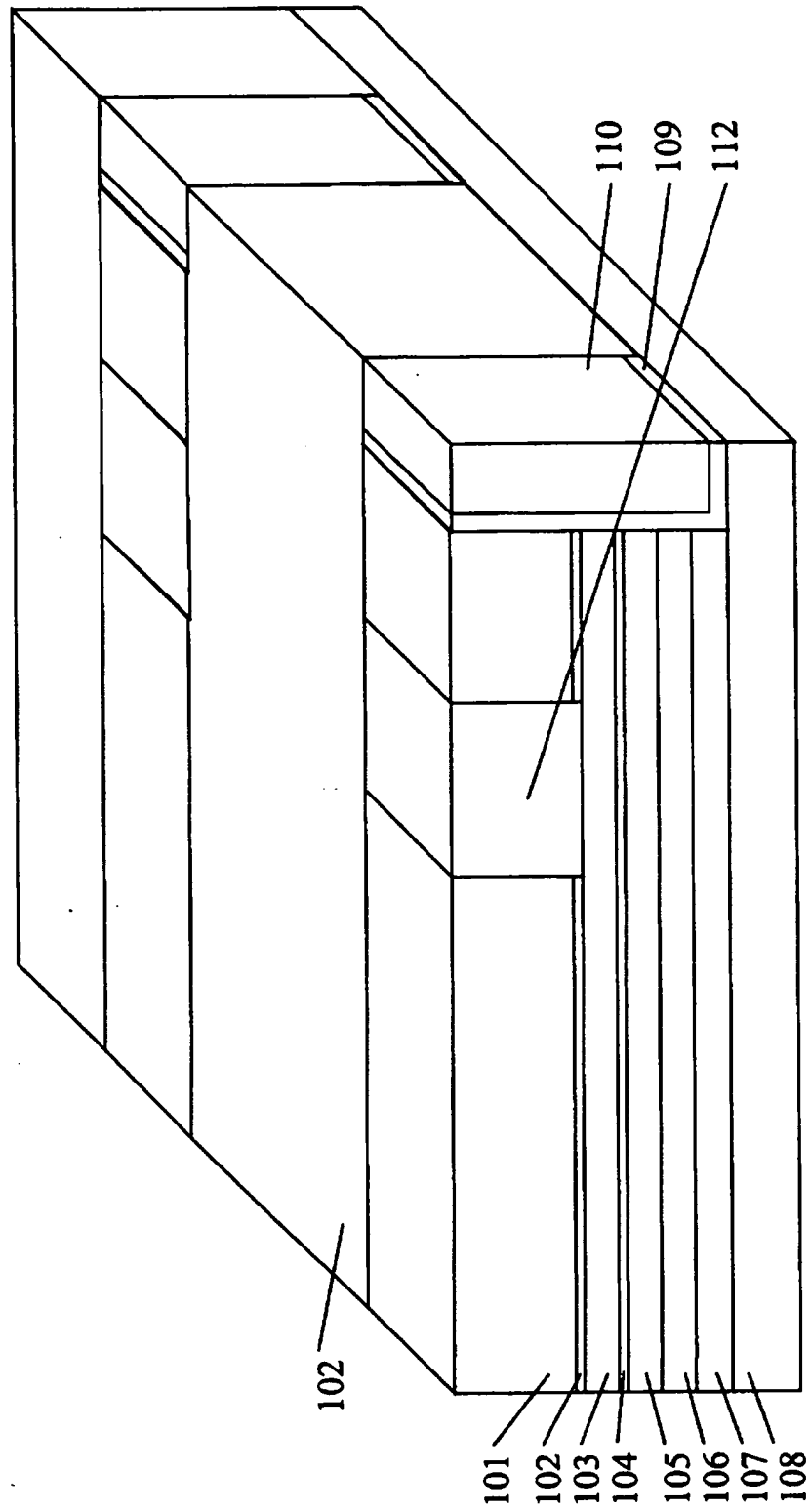
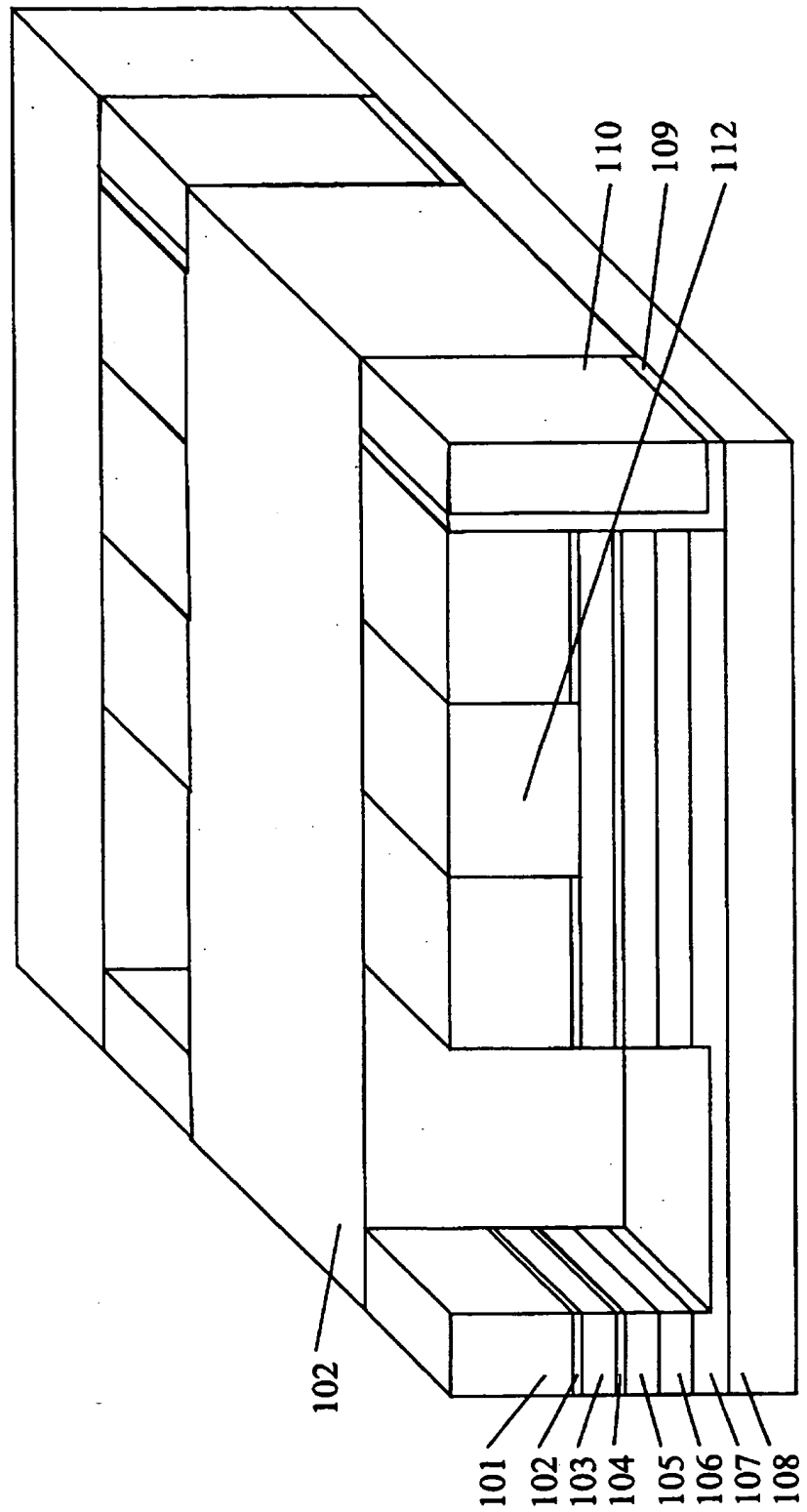


Figure 11K



49/72

Figure 11L

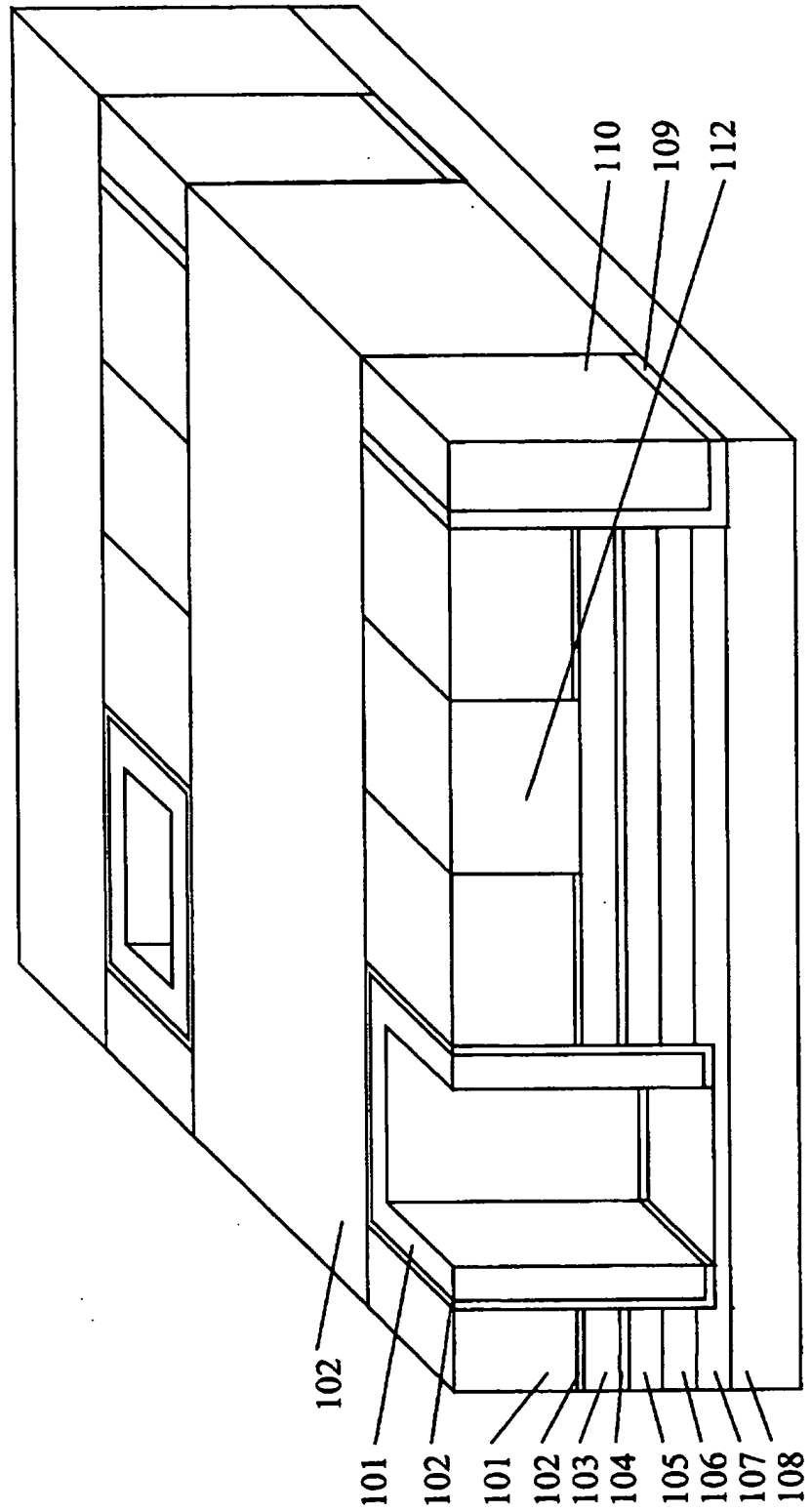
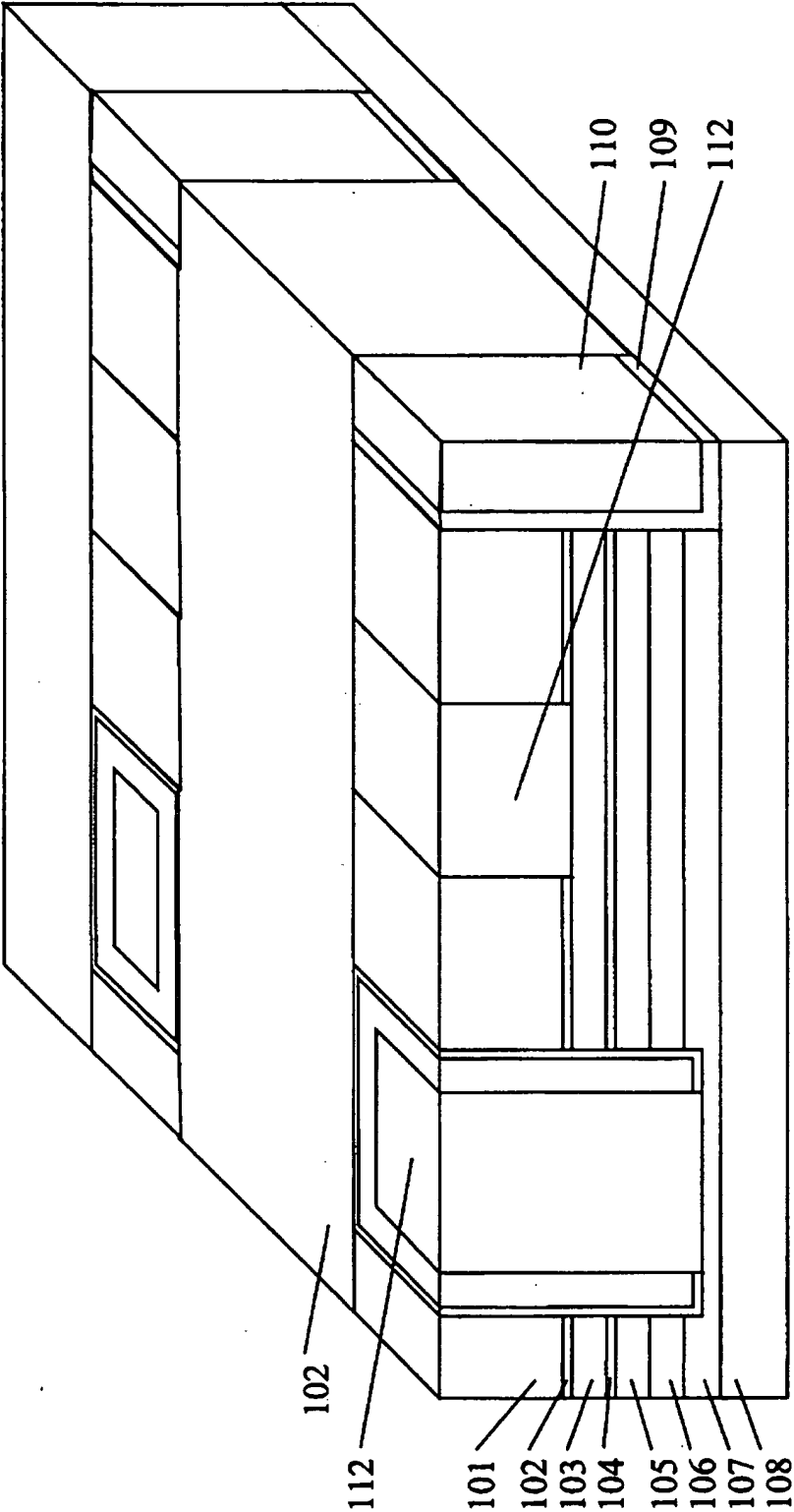
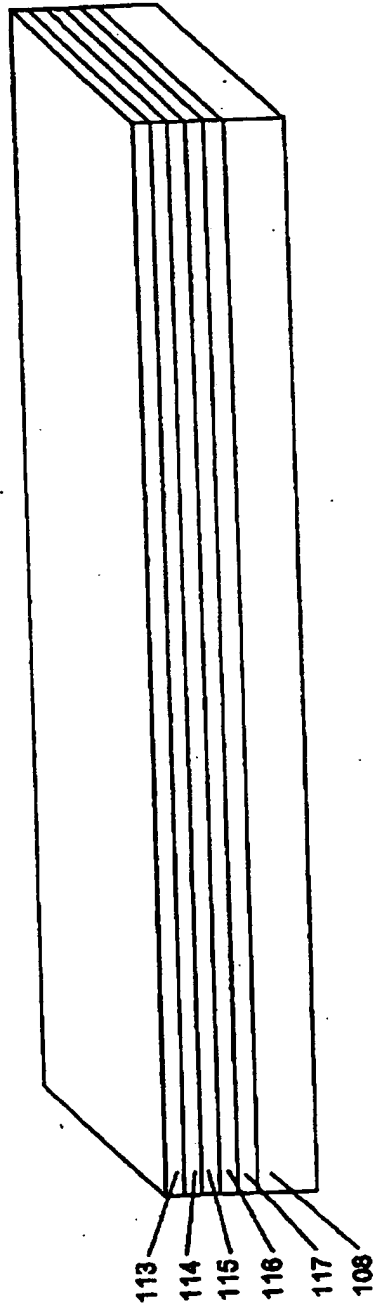


Figure 11M



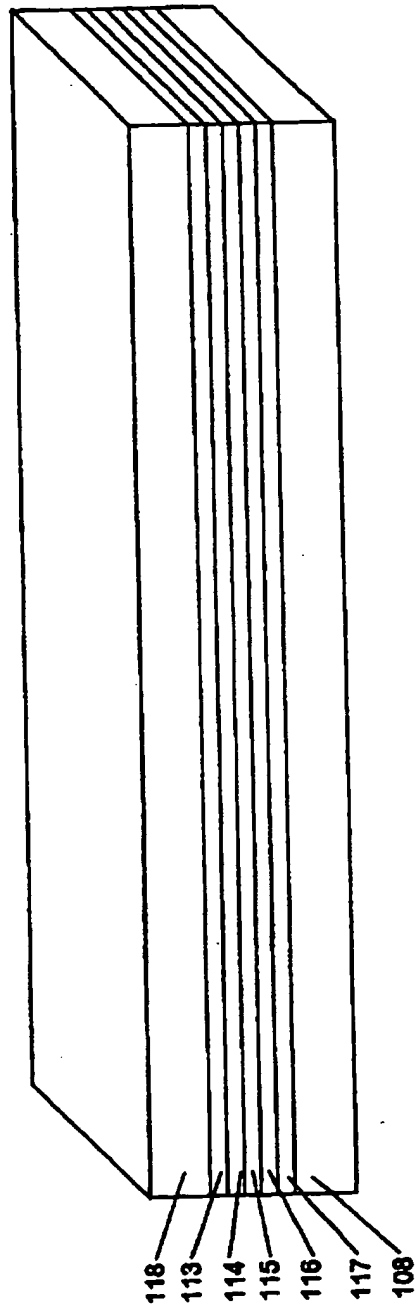
51/72

Figure 12A



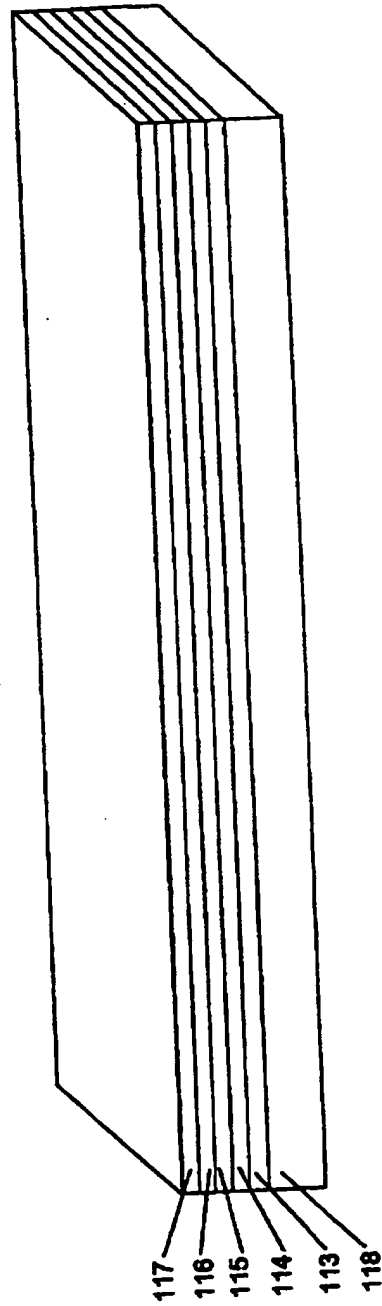
52/72

Figure 12B



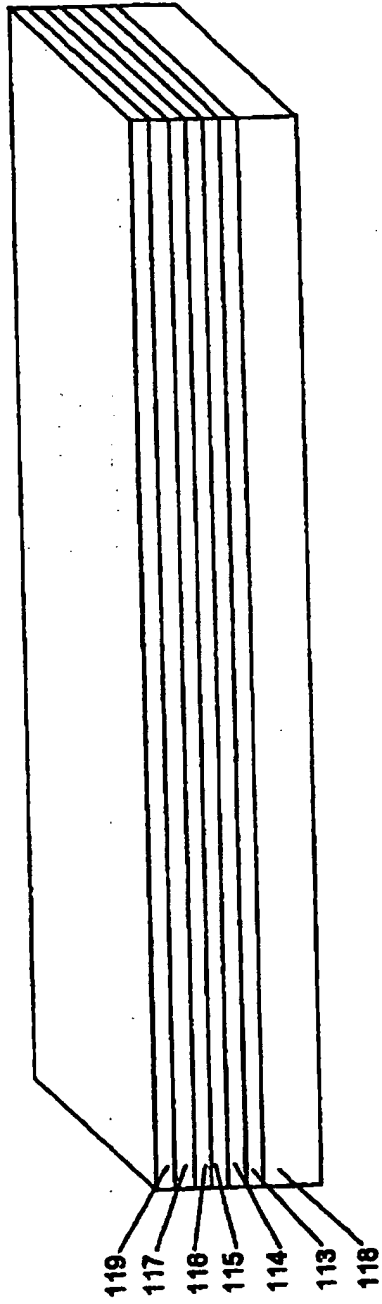
53/72

Figure 12C



54/72

Figure 12D



55/72

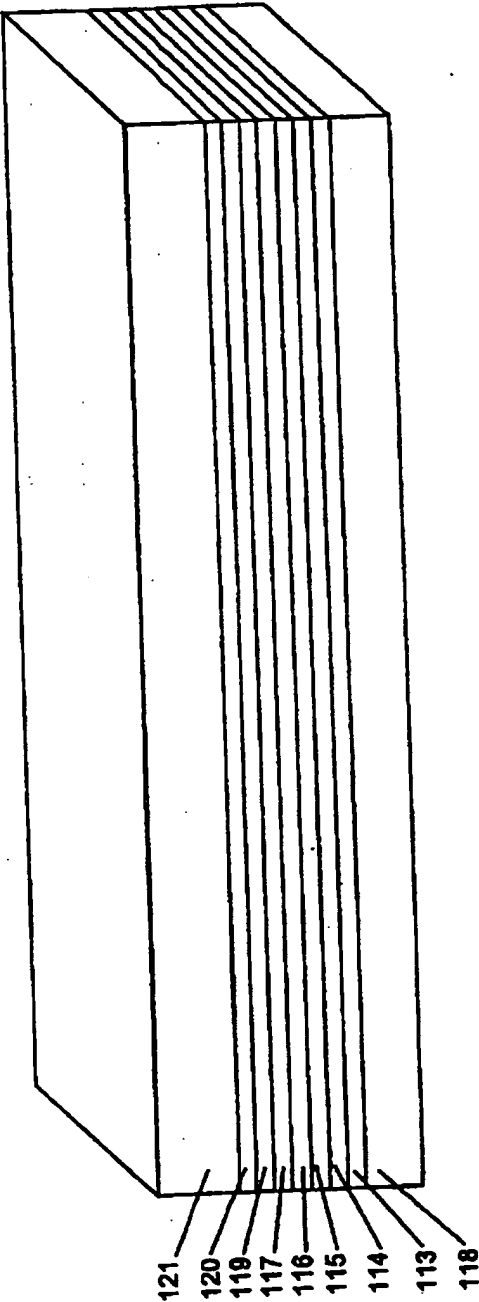
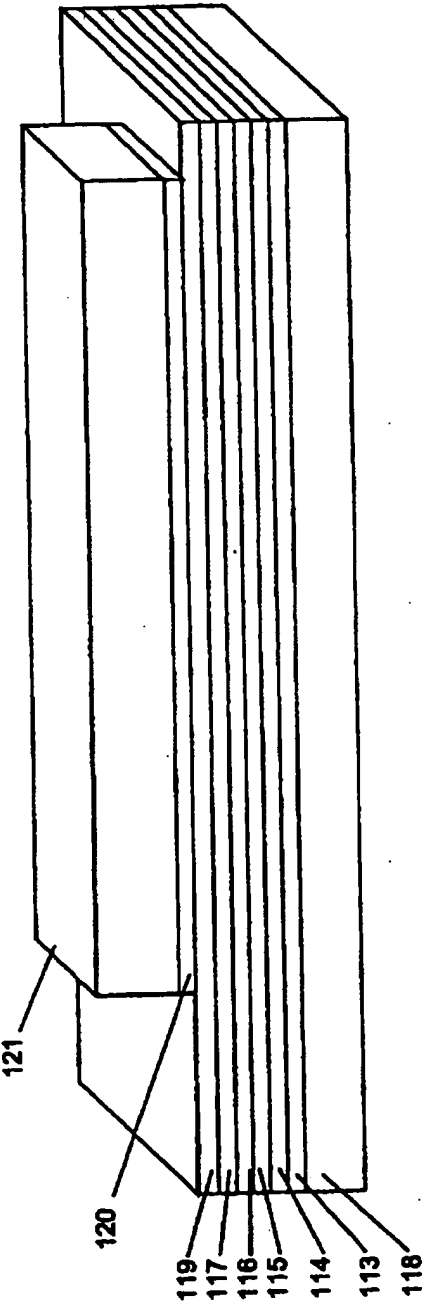


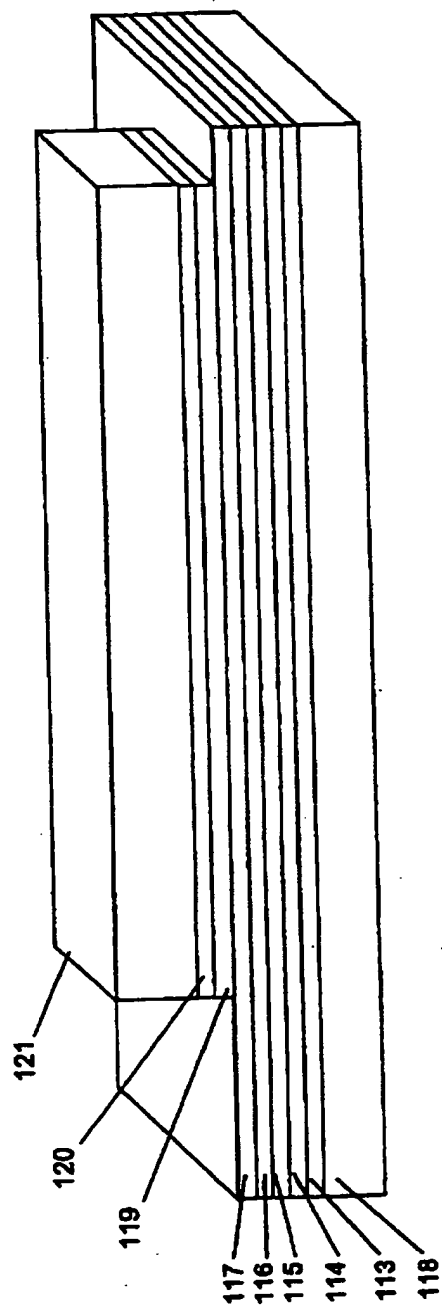
Figure 12E

Figure 12F



57/72

Figure 12G



58/72

Figure 12H

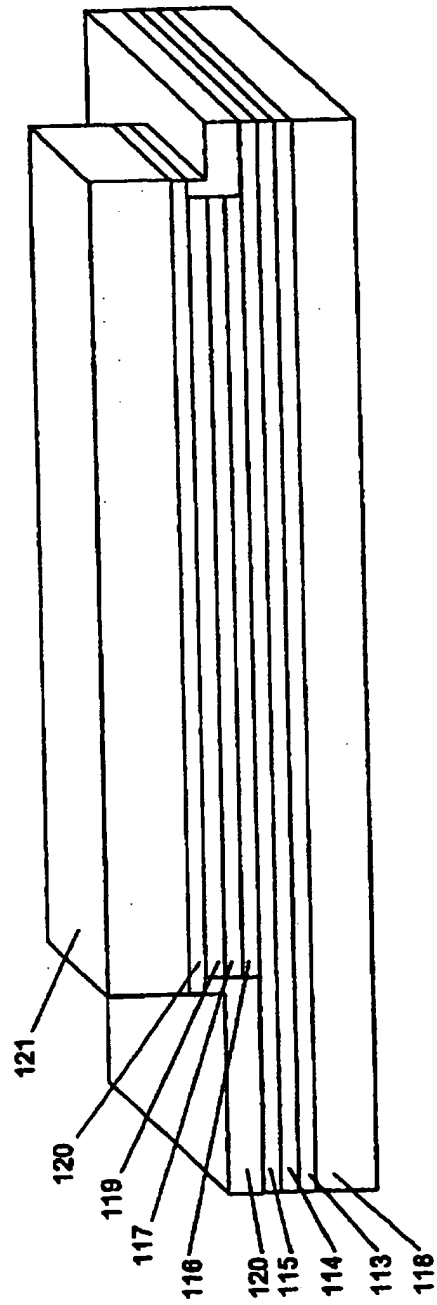


Figure 12I

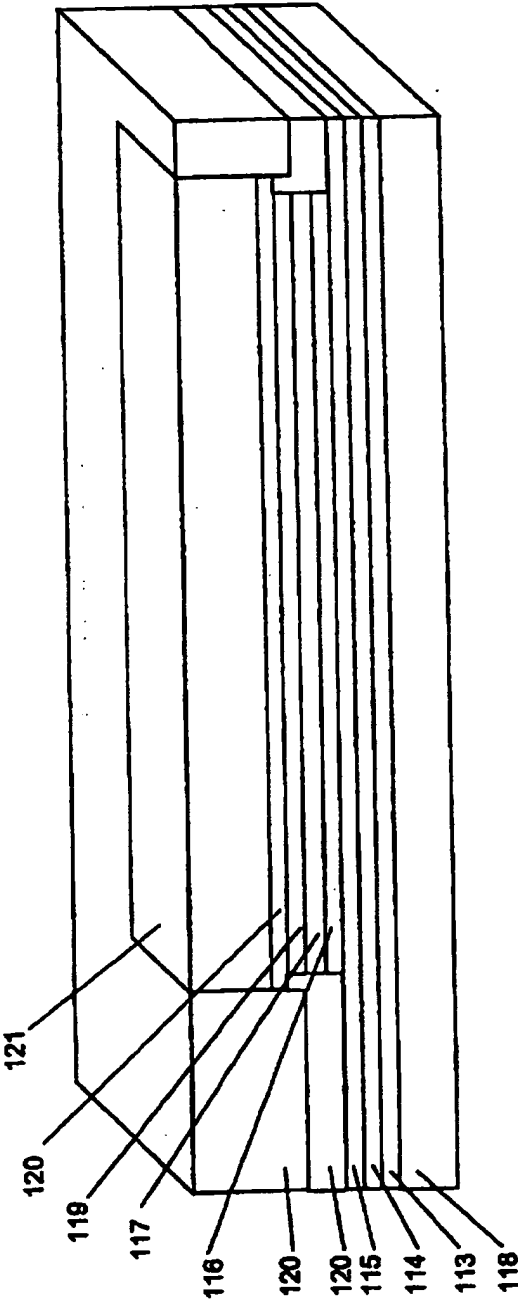
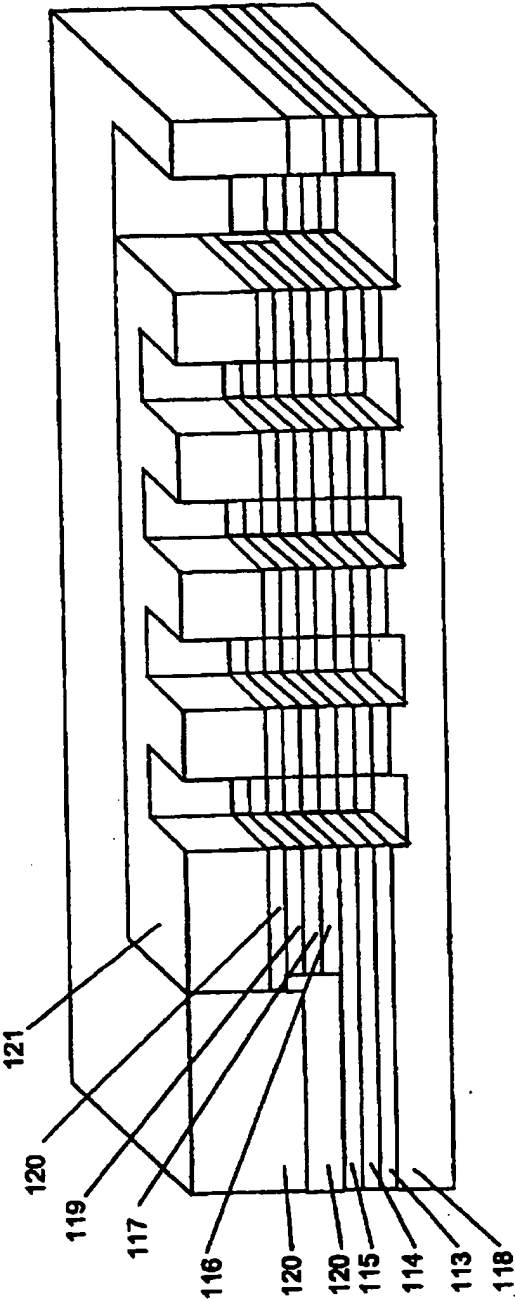


Figure 12J



61/72

Figure 12K

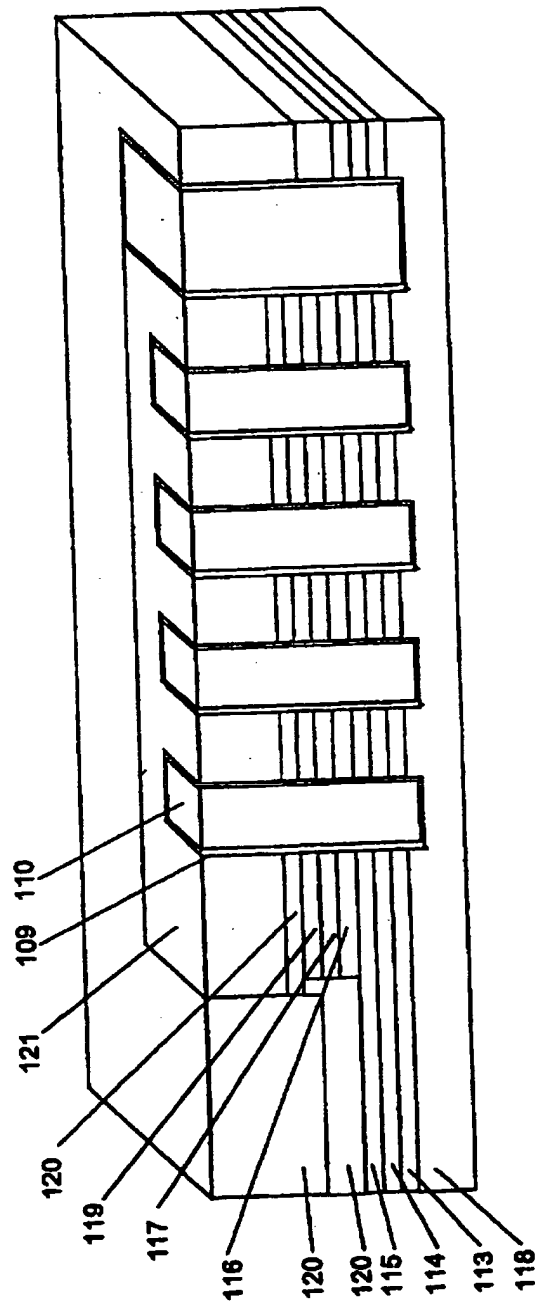
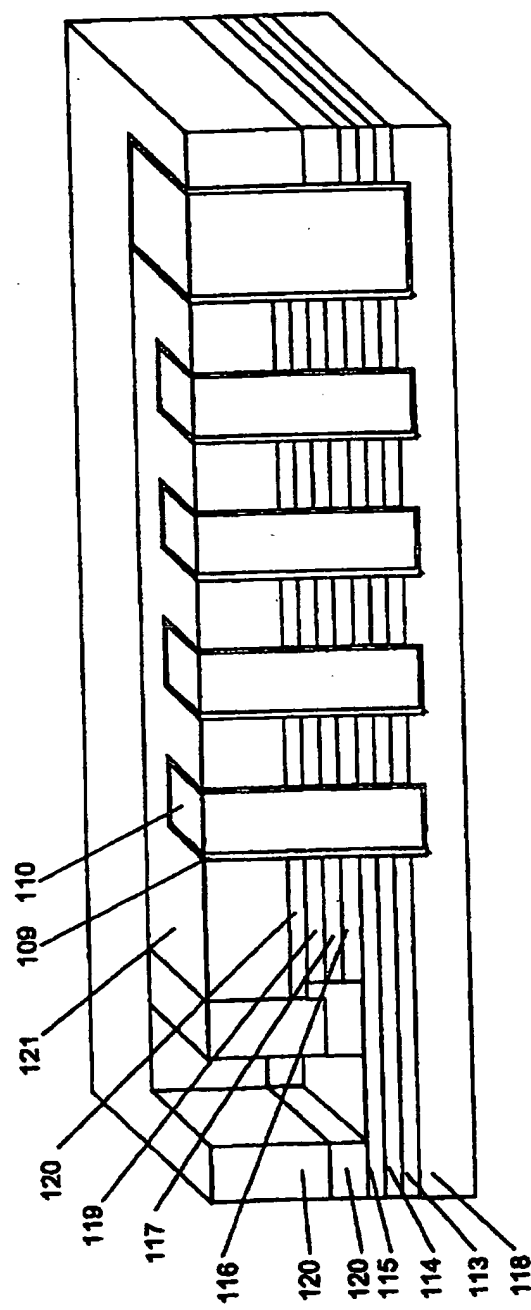


Figure 12L



63/72

Figure 12M

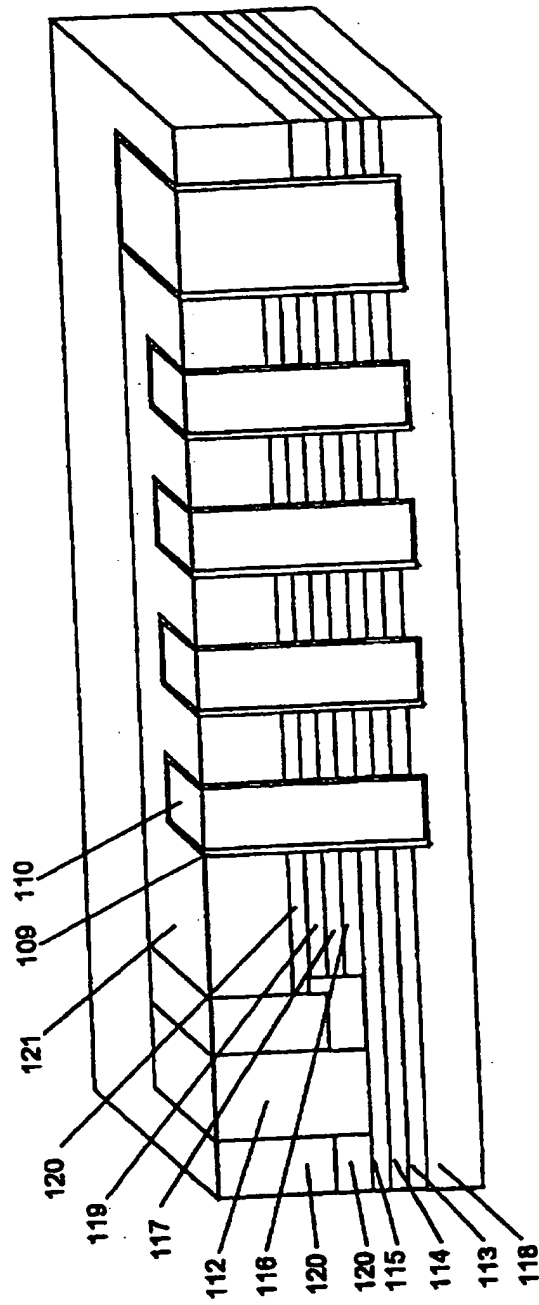
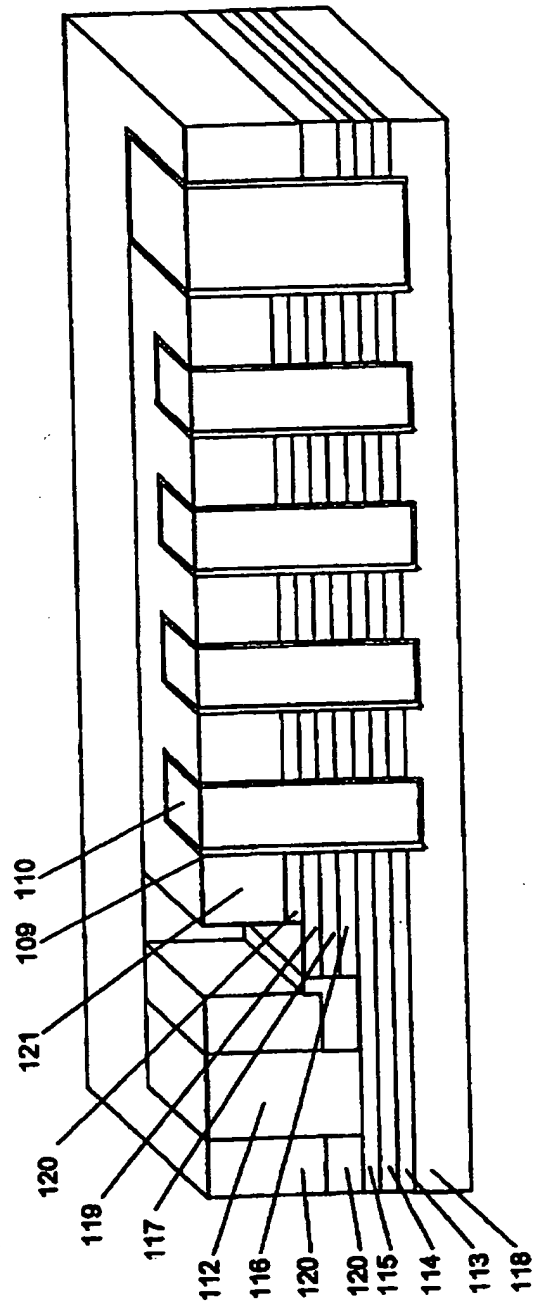


Figure 12N



65/72

Figure 120

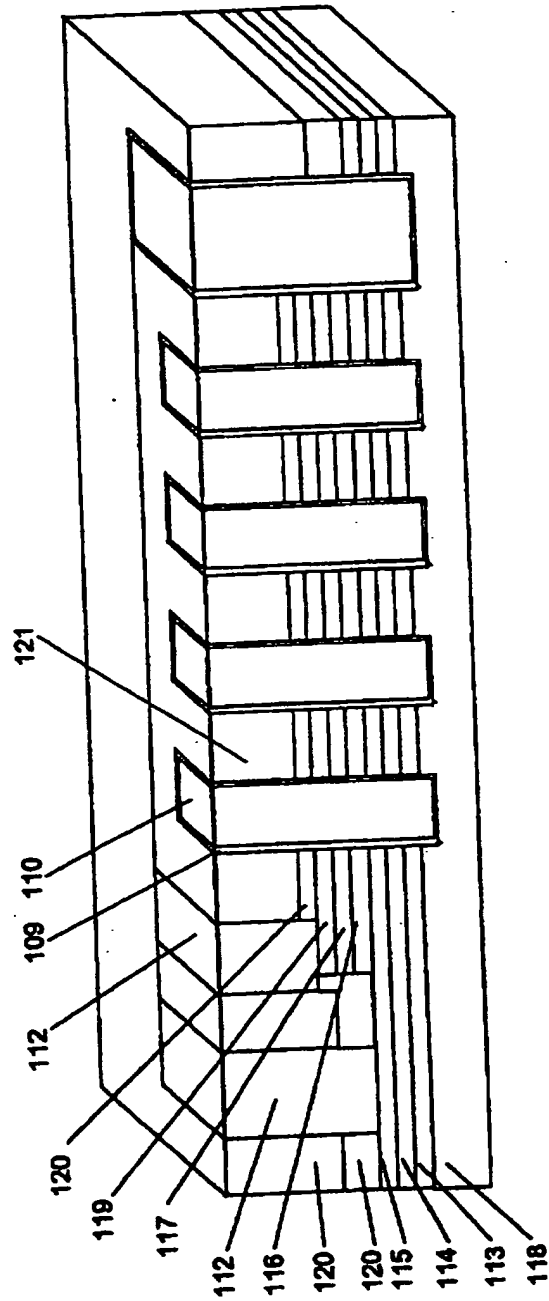


Figure 12P

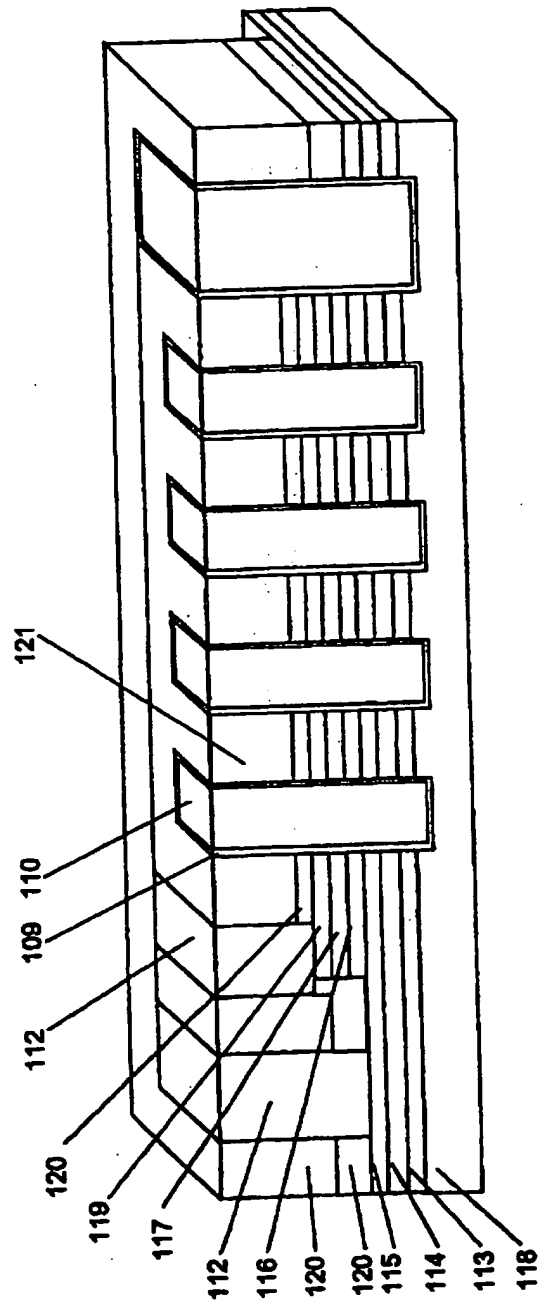
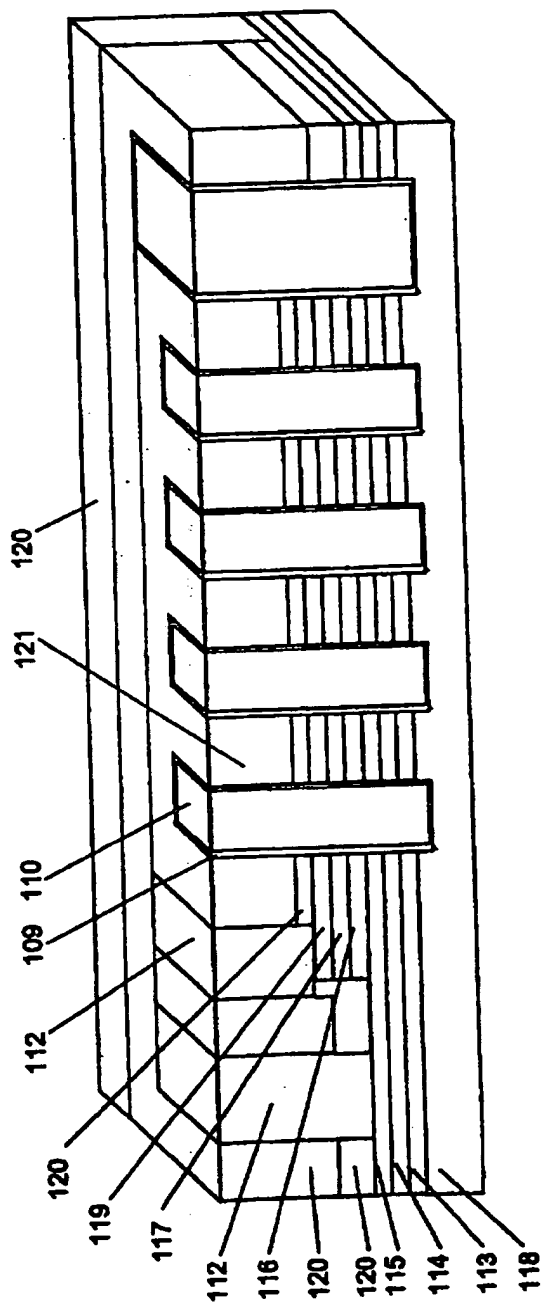


Figure 12Q



68/72

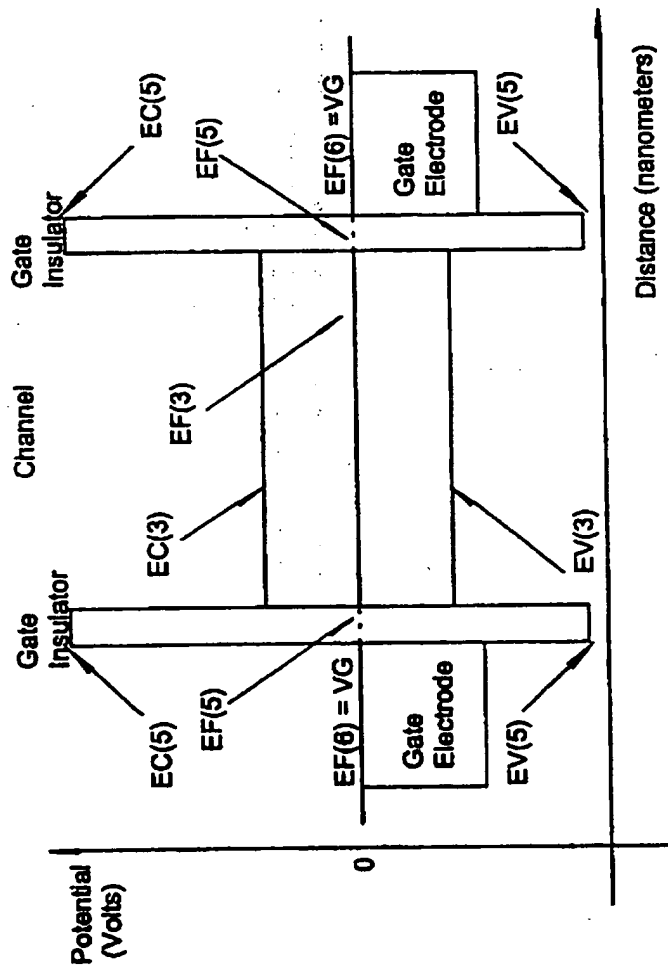


Figure 13a

69/72

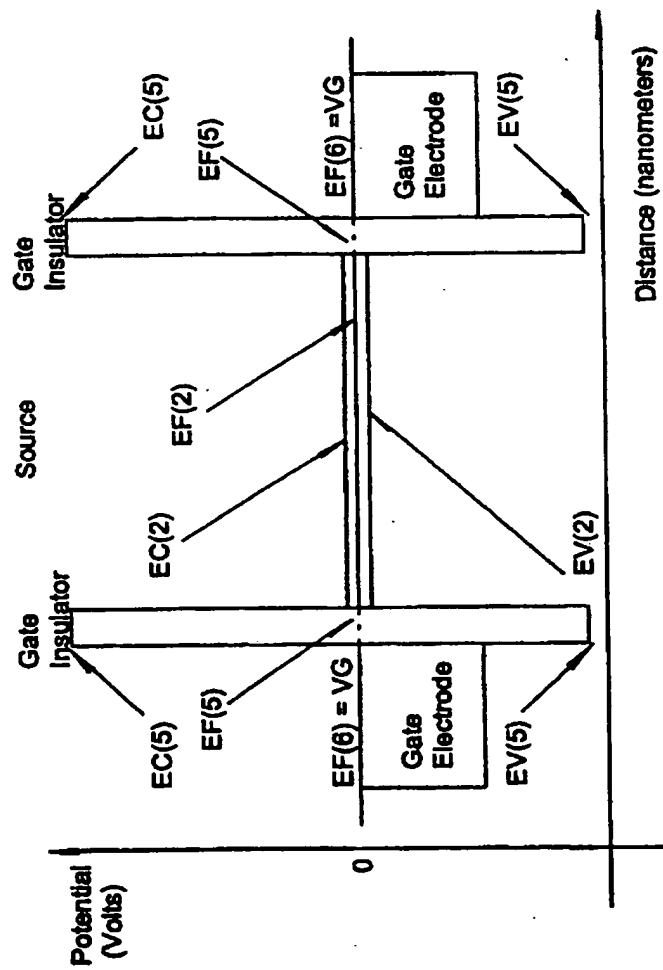


Figure 13b

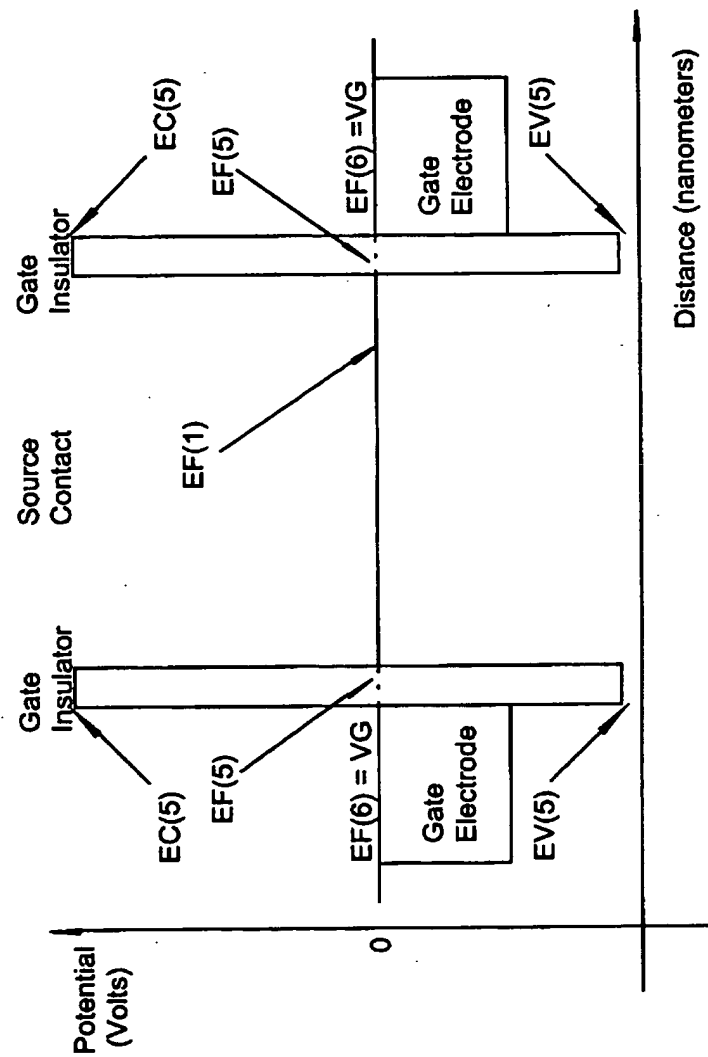


Figure 13c

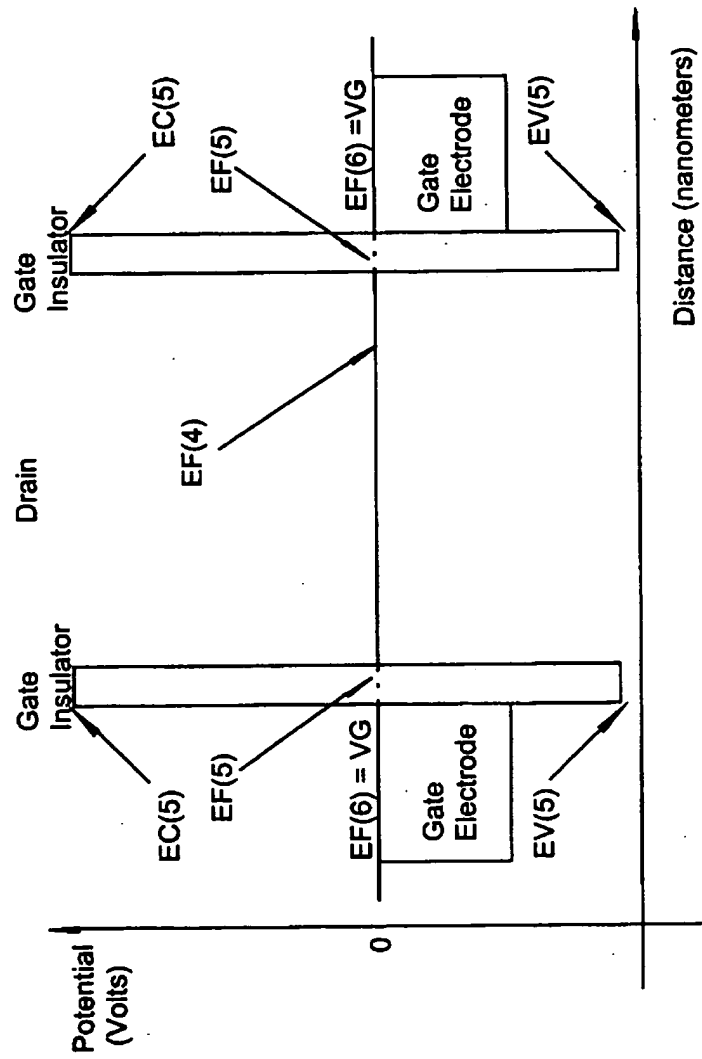


Figure 13d

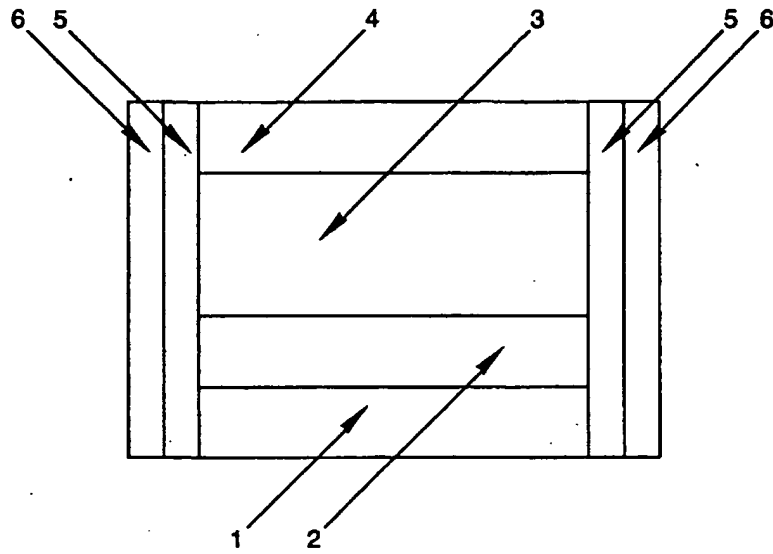


Figure 14

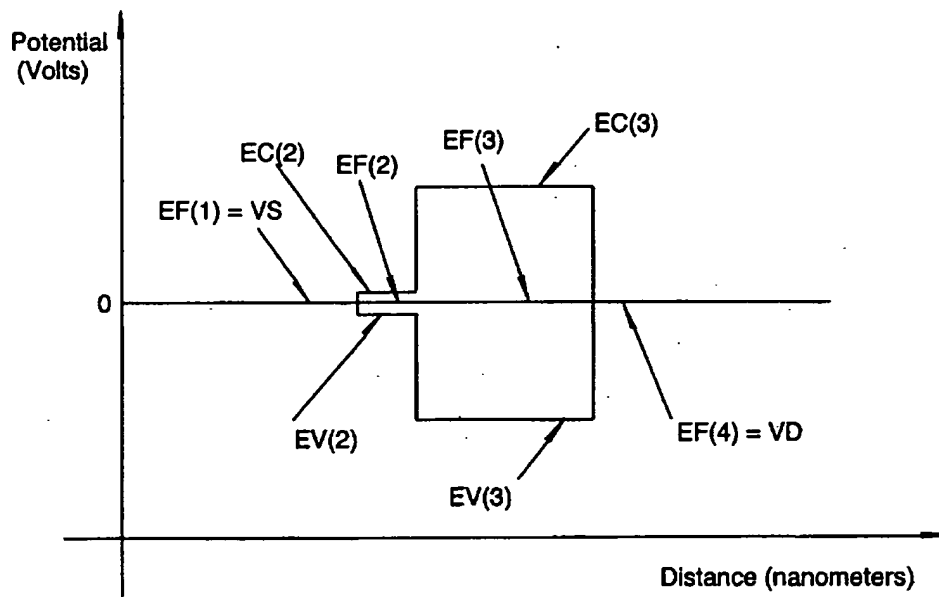


Figure 15